OPERATING MANUAL

Hausted® Horizon Series Stretchers
Model: 462 – A, C, D, E, F, G and H Tops
EMP – Youth
V1 02.11 068499

HAUSTED® PATIENT HANDLING SYSTEMS, LLC

WARNING - COPYING PROHIBITED

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A WORD FROM HAUSTED

This manual contains important information on proper use and maintenance of the Hausted® Horizon Stretcher. All personnel involved in the use and maintenance of this equipment must carefully review and comply with the warnings, cautions and instructions contained in this manual. These instructions are important to protect the health and safety of personnel operating a Hausted Horizon Stretcher and should be retained in a conveniently accessible area for quick reference.

Complete instructions for uncrating have been furnished. If missing, contact Hausted for replacement copies, giving the serial number and model numbers of the unit.

Hausted carries a complete line of accessories for use with this stretcher. A Hausted representative will gladly review these with you.

Indications for Use

The Hausted Horizon Series Multi-Purpose Stretchers and Youth Care Stretchers are designed for patient transport, treatment and recovery.

Service Information

A thorough preventive maintenance program is essential to safe and proper unit operation. This manual contains maintenance schedules and procedures which should be followed for satisfactory equipment performance.

You are encouraged to contact Hausted concerning our comprehensive Annual Maintenance Agreements. Under the terms of these agreements, preventive maintenance, adjustments, and replacement of worn parts are done on a scheduled basis to assure equipment performance at peak capability and to help avoid untimely or costly interruptions. Hausted maintains a global staff of well equipped, factory-trained technicians to provide this service, as well as expert repair services. Please contact your Hausted representative for details.

Advisory

A listing of the safety precautions to be observed when operating and servicing this equipment can be found in Section 1 of this manual. Do not operate or service the equipment until you have become familiar with this information.

Any alteration of this equipment not authorized or performed by Hausted Engineering Service which could affect its operation will void the warranty, could adversely affect use of this equipment, could violate national, state, and local regulations, and could jeopardize your insurance coverage.

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Equipment not suitable for use in the presence of a flammable anesthetic mixture with air or oxygen or nitrous oxide.

The base language of this document is ENGLISH. Any translations must be made from the base language document.

TABLE OF CONTENTS

1 Listing of Warnings and Cautions 1-1
2 Uncrating Instructions 2-1
3 Operating Instructions 3-1
3.1 Braking and Steering Operation 3-1
3.1.1 Applying The Brakes 3-1
3.1.2 Releasing The Brakes 3-1
3.1.3 Applying the Steering Lock/Fifth Wheel 3-2
3.1.4 Releasing the Steering Lock/Fifth Wheel 3-2
3.2 Litter Top Height Adjustment 3-3
3.2.1 Height Adjustment 3-3
3.2.2 Lowering Litter Top 3-3
3.2.3 Trendelenburg Adjustment 3-3
3.2.4 Reverse Trendelenburg Adjustment 3-3
3.3 Fowler Backrest Operation 3-4
3.3.1 Raising the Backrest 3-4
3.3.2 Lowering the Backrest 3-4
3.4 Backrest/Knee Flex Operation (Manual Models) 3-5
3.4.1 Raising the Backrest/Knee Flex 3-5
3.4.2 Lowering the Backrest/Knee Flex 3-5
3.5 Air Glide Rail Operation 3-6
3.5.1 Raising The Rail 3-6
3.5.2 Lowering The Rail 3-6
3.5.3 Install Armboard Adaptor and Surgical Bar 3-7
3.6 Retracto Rail Operation 3-8
3.6.1 Raising the Rail 3-8
3.6.2 Half Height 3-8
3.6.3 Lowering the Rail 3-8
3.7 Rail Operation (Youth Stretcher) 3-9
3.7.1 Raising the Rail to Full Height 3-9
3.7.2 Raising the Rail to Half Height 3-9
3.7.3 Lowering the Rail 3-9
3.8 Optional Pushbar Operation 3-10
3.8.1 Deploying Pushbars 3-10

TABLE OF CONTENTS

3.8.2 Storing Pushbars 3-10
4 Recommended Preventive Maintenance 4-1
5 Recommended Optional Accessories 5-1
6 Recommended Replacement Parts 6-1
7 Warranty 7-1

LISTING OF WARNINGS AND CAUTIONS 1

The following Safety Precautions must be observed when operating or servicing Hausted® Horizon Series Stretchers . WARNING indicates the potential for personal injury and CAUTION indicates the potential for damage to equipment. For emphasis, certain Safety Precautions are repeated throughout the manual. It is important to review ALL Safety Precautions before operating or servicing the unit.

Strictly following these Safety Precautions enhances your ability to safely and effectively utilize the unit and helps the customer avoid improper maintenance methods which may damage the unit or render it unsafe. It is important to understand that these Safety Precautions are not exhaustive; customers are encouraged to develop their own safety policies and procedures to enhance and compliment these Safety Precautions.

WARNING–PERSONAL INJURY HAZARD AND/OR EQUIPMENT DAMAGE HAZARD:

⚠ Repairs and adjustments to this equipment should be made only by fully qualified service personnel. Maintenance performed by inexperienced, unqualified personnel or installation of unauthorized parts could cause personal injury, invalidate the warranty, or result in costly equipment damage. Contact Hausted regarding service options.

⚠ **Do not sit on end – tipping may occur.**

⚠ The stretchers have a warning label located near the head end stating: Maximum patient weight 226 kg (500 lbs.). For Pediatric models only, this label reads: Maximum patient weight 147 kg (325 lbs).

⚠ Patient entry, egress and transfer should always be done with caster braking system locked.

⚠ Caster braking system should always be locked when patient is not in transport.

⚠ Caster braking system should always be locked and patient side rails up when patient is left unattended.

⚠ Always ensure that side rail is locked before leaving patient unattended.

WARNINGS – LACERATION HAZARD:

⚠ When cutting bands always use a tool specifically designed for that purpose. This will help to avoid personal injuries frequently incurred when bands are cut and tension released.

WARNINGS – PROPER OPERATION HAZARD:

⚠ Floors must be smooth and level to maintain optimum fifth wheel steering. Fifth wheel steering functions can be influenced by floor irregularities (bumps or dips) greater than 1/2" (13 mm) across the span of the stretcher.

UNCRATING INSTRUCTIONS 2

⚠ IMPORTANT - REPORT ANY SHIPPING DAMAGE IMMEDIATELY:

Inform shipper of any damages - leave carton intact. Leave the equipment in the receiving area until inspection is complete.

⚠ CAUTION - POSSIBLE EQUIPMENT DAMAGE:

This crate contains fragile expensive medical equipment. Uncrate and handle carefully.

If after uncrating the equipment you find any damage (no matter how slight), show it to your supervisor.

⚠ WARNING - PERSONAL INJURY HAZARD:

When cutting bands, always use tool specifically designed for that purpose. This will help avoid personal injuries frequently incurred when bands are cut and tension is released.

IMPORTANT: Follow each step in the order shown in these instructions.

UNPACKING INSTRUCTIONS:

Your Hausted equipment has been carefully packed at our manufacturing plant to ensure safe shipment to your medical facility. There are several procedures you must follow to put your new equipment in service. These procedures only take a few minutes to complete and are required to ensure proper operation of the equipment.

1. Cut the two bands around the shipping carton.
2. Remove the top half of the carton and cut one side of the bottom half.
3. Remove the equipment from the carton.
4. Check to see if all features of the equipment work properly. If all the features work, advance to step 5. If any of the features of the equipment do not work properly, call Hausted for service at: 877.706.5151.
5. Clean the equipment using mild detergent to remove any dirt accumulated during shipment, and place the equipment into service.

OPERATING INSTRUCTIONS 3

3.1 BREAKING AND STEERING OPERATION

⚠ WARNING–PERSONAL INJURY HAZARD AND/OR EQUIPMENT DAMAGE HAZARD:

- Caster braking system should always be locked when patient is not in transport.
- Caster braking system should always be locked and patient side rails up when patient is left unattended.

3.1.1 Applying the Brakes

Four-wheel central braking system is activated by depressing a red pedal at any of the unit's four corners (Figure 3-1). To fully engage brakes, press pedal to approximately 45º. All four caster wheels should be locked from swiveling and rotating.

FIGURE 3-1

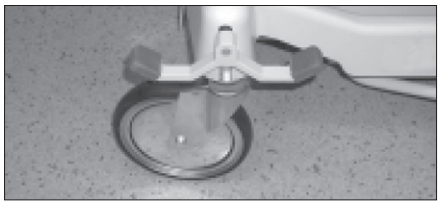

FIGURE 3-2

3.1.2 Releasing the Brakes

Depress green pedal at any of the unit's four corners, until pedal is in a horizontal position (Figure 3-2). All four wheels should rotate and swivel freely.

NOTE: Brakes should always be activated when unit is not in transport.

3.1 BREAKING AND STEERING OPERATION

⚠ WARNING–PROPER OPERATION HAZARD:

Floors must be smooth and level to maintain optimum fifth wheel steering. Fifth wheel steering functions can be influenced by floor irregularities (bumps or dips) greater than 1/2" (13 mm) across the span of the stretcher.

FIGURE 3-3

3.1.3 Applying the Steering Lock/Fifth Wheel

From any corner of stretcher, depress green pedal downward into locked position. (Figure 3-3). Steering Lock – One caster at foot end locks into a non-swivel mode, allowing straight steering by the attendant. Fifth Wheel – A center-steer caster lowers and applies pressure to floor, allowing straight steering by the attendant.

3.1.4 Releasing the Steering Lock/Fifth Wheel

Depress red pedal at any of the unit's four corners, until pedal is in a horizontal position (Figure 3-2). All four wheels should rotate and swivel freely, and/or optional fifth wheel lifts off floor.

3.2 LITTER TOP HEIGHT ADJUSTMENT

3.2.1 Height Adjustment

Press pump pedal to floor (Figure 3-4), then release. Repeat this process until desired height is obtained. Use smooth strokes on pump pedal to ensure patient comfort.

FIGURE 3-4

3.2.2 Lowering Litter Top

Press down on two release pedals at the same time (Figure 3-5) until desired height is obtained.

NOTE: Do not stand on release pedals.

FIGURE 3-5

3.2.3 Trendelenburg Adjustment

Place unit at maximum height, see SECTION 3.2.1, HEIGHT ADJUSTMENT, PAGE 3-2. Press down on the release pedal nearest the head end (Figure 3-6) until desired position is obtained then remove pressure.

FIGURE 3-6

3.2.4 Reverse Trendelenburg Adjustment

Place the unit at maximum height, see SECTION 3.2.1, HEIGHT ADJUSTMENT, PAGE 3-2.
Press down on release pedal nearest foot end (Figure 3-7) until desired position is obtained then remove pressure.

FIGURE 3-7

3.3 FOWLER BACKREST OPERATION

3.3.1 Raising the Backrest

Grasp fowler backrest frame tube and gas spring activating handle from either side of stretcher. Squeeze handle and tube together and lift. Once desired incline is achieved, release handle.

FIGURE 3-4

NOTE: The amount of manual lifting required will vary depending on patient size, gas spring is intended only to assist in lifting patient.

3.3.2 Lowering the Backrest

Grasp fowler backrest frame tube and gas spring activating handle from either side of the stretcher. See Figure 3-8. Squeeze handle and tube together while supporting fowler. Adjust incline either by slowly lowering patient or by pressing fowler down. Release handle once desired incline is achieved.

NOTE: The amount of manual supporting required will vary depending on patient size, the gas spring is intended only to assist in lowering patient.

3.4 BACKREST/KNEE FLEX OPERATION (MANUAL MODELS)

3.4.1 Raising the Backrest/Knee Flex

To elevate backrest or knee flex, flip crank handle upwards, and rotate crank handle clockwise. See Figure 3-9. When reaching desired position, stop rotating handle and return crank handle to its original position. See Figure 3-10.

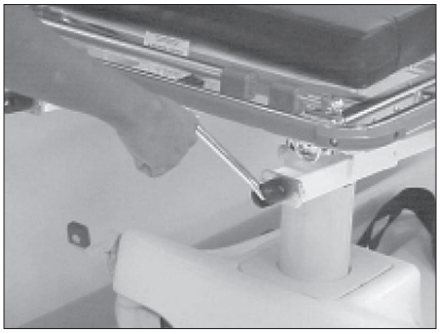

FIGURE 3-9

3.4.2 Lowering the Backrest/Knee Flex

To lower backrest or knee flex, flip crank handle upwards, and rotate crank handle counterclockwise, See Figure 3-9. When reaching desired position, stop rotating handle and return crank handle to its original position. See Figure 3-10.

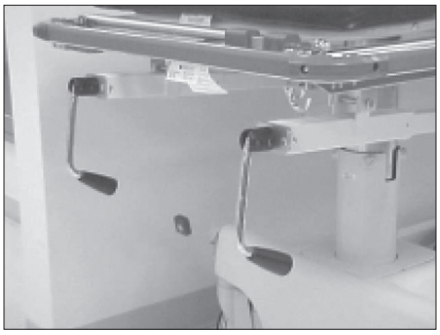

FIGURE 3-10

3.5 AIRGLIDE RAIL OPERATION

3.5.1 Raising the Rail

Refer to Figures 3-11A & 3-11B. Grasp rail top tube from under litter top firmly. Then pull up until rail locks into full up position.

NOTE: Verify latching of rail before leaving patient unattended.

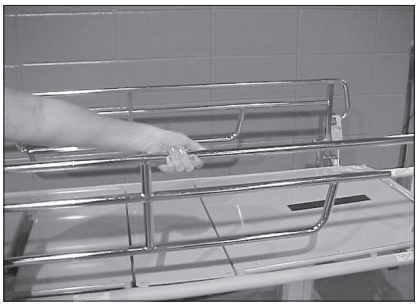

FIGURE 3-11A

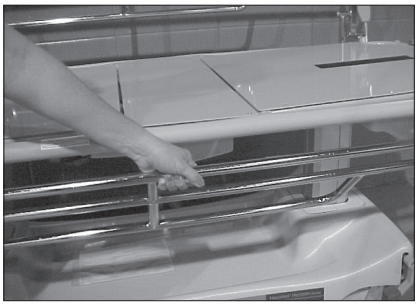

FIGURE 3-11B

3.5.2 Lowering the Rail

Firmly grasp top of rail, pull out on red tab located under litter top at foot or head end (Figure 3-12). Lower side rail completely under litter top.

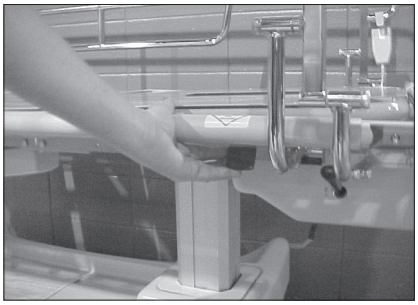

FIGURE 3-12

3.5 AIRGLIDE RAIL OPERATION

3.5.3 Install Armboard Adaptor and Surgical Bar

1. Refer to Figure 3-13. Install surgical bar adaptor by positioning adapter over bumper channel and pad. Then slide adapter downward until it rests on channel.
2. Refer to Figure 3-14. Secure adapter by inserting tethered pin into hole in adaptor. Insert fully until pin is locked through both sides of the adapter.
3. Refer to Figures 3-15A and 3-15B. Mount armboard to adaptor by tilting armboard upwards slightly, engaging upper portion of clamp over surgical bar on adaptor.
   a. Once armboard is engaged with surgical bar, lower to horizontal position to lock.
   b. To remove Armboard, depress gravity latch and lift armboard from surgical bar.

FIGURE 3-13

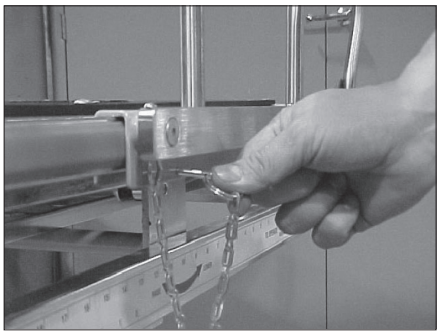

FIGURE 3-14

FIGURE 3-15A

FIGURE 3-15B

3.6 RETRACTO RAIL OPERATION

⚠ WARNING–PROPER OPERATION HAZARD:

- Patient entry, egress and transfer should always be done with caster braking system locked.
- Caster braking system should always be locked and patient side rails up when patient is left unattended.

FIGURE 3-16

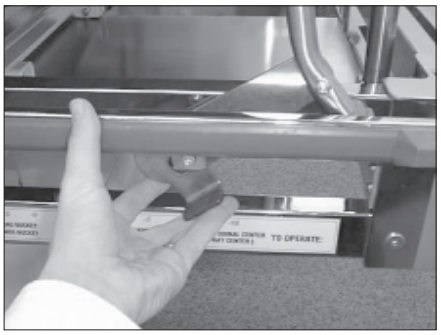

FIGURE 3-17

3.6.1 Raising the Rail

Grasp rail top cap in the middle of the rail (Figure 3-16), and lift.

3.6.2 Half Height

Grasp the rail (Figure 3-16); lift up on red trigger under the litter top (Figure 3-17) while lowering rail. When rail starts to move down release trigger. Lower rail until it locks into half height position.

3.6.3 Lowering the Rail

Grasp the rail (Figure 3-16), lift up on the red trigger under the top (Figure 3-17) while lowering the rail. Hold up on the trigger until the rail is all the way down.

NOTE: Be sure both rails are in upright locked position before leaving patient.

3.7 RAIL OPERATION (YOUTH STRETCHER)

⚠ WARNING–PROPER OPERATION HAZARD:

- Patient entry, egress and transfer should always be done with caster braking system locked.
- Caster braking system should always be locked and patient side rails up when patient is left unattended.

3.7.1 Raising the Rail to Full Height

Refer to Figure 3-18A & 3-18B. Grasp the rail top tube in the center of the rail with free hand squeeze the rail trigger. Lift the rail all the way up. Once the rail is all the way up, release the rail trigger and lower the rail slowly until the trigger engages. Check rail lock by trying to squeeze the rail trigger, if you cannot squeeze the trigger the rail is locked securely, release the rail top tube.

NOTE: Be sure rail is locked securely before leaving patient.

NOTE: Never leave the patient unattended with the rail down.

3.7.2 Raising the Rail to Half Height

Refer to Figure 3-18B. Grasp rail top tube in center of rail and raise rail until it engages. Check rail lock by trying to squeeze rail trigger. If trigger will not squeeze, the rail is locked securely. Release rail top tube.

NOTE: Be sure rail is locked securely before leaving patient.

3.7.3 Lowering the Rail

Refer to Figure 3-18C. Grasp top tube in center of rail and squeeze rail trigger with free hand while lifting slightly on rail. This should allow rail trigger to release trigger lock. Lower rail slowly. If 'half height' is desired, release rail trigger as soon as the rail starts lowering. If 'full down' is desired continue to squeeze the trigger until rail is completely lowered.

NOTE: Be sure rail is locked securely before leaving patient.

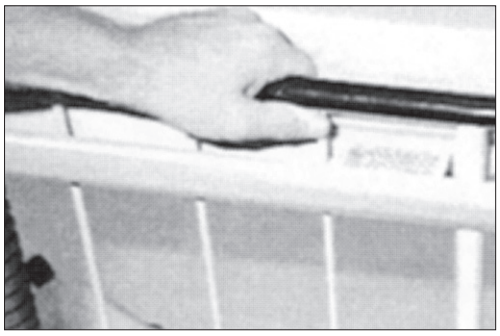

FIGURE 3-18A

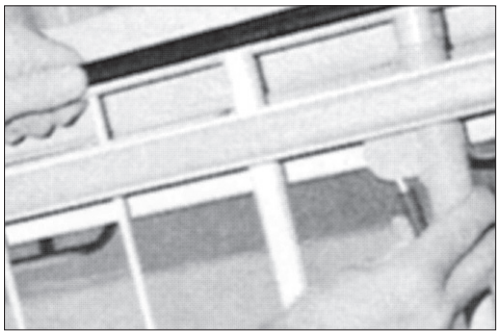

FIGURE 3-18B

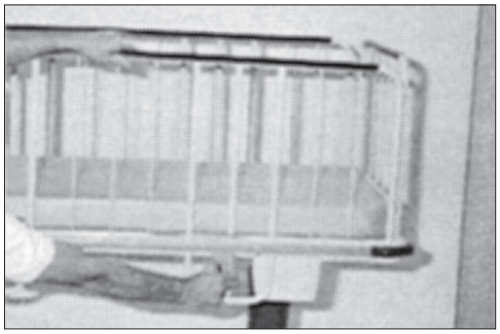

FIGURE 3-18C

3.8 OPTIONAL PUSHBAR OPERATION

NOTE: Refer to PUSH HANDLE R.R. UNITS ASSEMBLY, 075656-00 for installation procedure, if necessary.

3.8.1 Deploying Pushbars

Refer to Figure 3-19. Grasp handles at the rear of litter top and rotate them 90° upward until fully deployed for use.

3.8.2 Storing Pushbars

Refer to Figure 3-19. Rotate lock knobs counter-clockwise until each stops turning. Then rotate handles 90° until level with stretcher top.

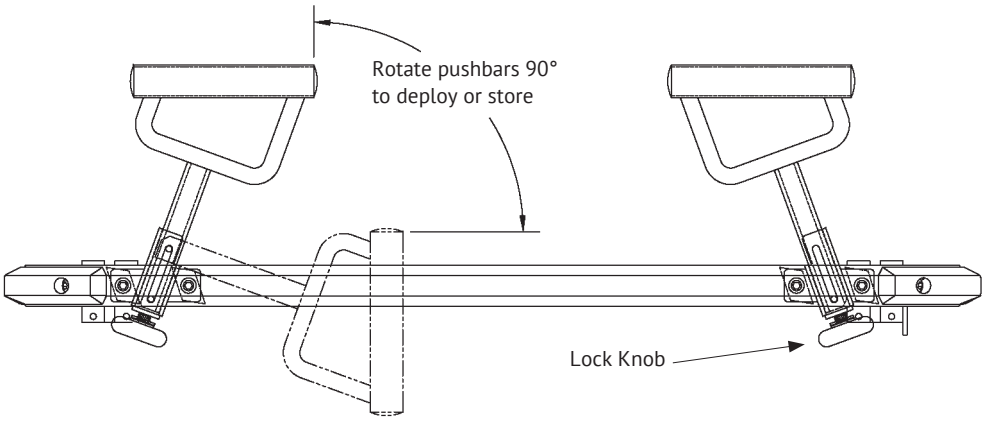

FIGURE 3-19

RECOMMENDED PREVENTIVE MAINTENANCE 4

⚠ CAUTION – POSSIBLE EQUIPMENT DAMAGE HAZARD

Steam cleaning and pressure washing of stretcher is not recommended and can void warranty.

Procedure	Schedule	Material
Lubricate all moving and sliding parts and hinge points	3 Months	Lubricating oil, light-duty grease, wax stick lubricant or graphite Lubricant.
Inspect all fasteners to ensure proper fit, position and tightness (including nuts, bolts, etc.).	3 Months	Proper size wrench and screwdriver.
Wipe mattresses and pads with damp cloth to remove any foreign materials	After each use	Routine Hospital Grade disinfectants, soap and water. Use only medium strength cleaners. (DO NOT pressure clean or steam clean.)
Inspect all surfaces and remove any user developed sharp or burred areas. Apply touch-up where required.	3 Months	Metal File, proper color paint (specify color when ordering).
Clean external surface to remove blood, dirt, lint and any other deposits	After each use	Medium strength anti-bacterial cleaners, stainless steel cleaner and polish.

NOTE: If units are pressure washed or steam cleaned, lubrication of all hinging, moving, and sliding points should be done afterwards. (Pressure washing and steam cleaning are not recommended procedures and can void warranty.)

For more detailed information, please contact:
Hausted Patient Handling Systems at
877.706.5151

RECOMMENDED OPTIONAL ACCESSORIES 5

I.V. Poles	
AirGlide Rail Style Tops	
066725	Mounted Stainless Steel Telescoping In. Rod
Retracto Rail Style Tops	
00E17-00	Stainless Steel 42” Long I.V. Rod
066000	Telescoping I.V. Rod Mtd. At Head End W/Bumper – E & G Tops
066021	Telescoping I.V. Rod Mtd. At Head End W/Bumper – F & H Tops
Universal	
000018	Stainless Steel 27” To 54” Long Telescoping I.V. Rod
126740-00	Infusion Pump In. Rod 1-1/8” Dia - 42” Long - Removable
IVSTOW-00	Mobile I.V. Stand Attachment
Pads and Mattresses	
AirGlide Rail Style Tops	
067167-60	2” x 28” x 76” Conductive Foam – “A” Rails
067177-60	3” x 28” x 76” Conductive Foam – “A” Rails
067178-60	Pressurecare – 4” x 28” x 76” Conductive Foam -“A” Rails
068923-60	Enhanced Pressurecare – 5” x 28” x 76” – “A” Rails
068020-60	3” x 28” x 76” Conductive Foam – “B” Rails
068021-60	Pressurecare – 4” x 28” x 76” Conductive Foam – “B” Rails
068924-60	Enhanced Pressurecare – 5” x 28” x 76” – “B” Rails
Retracto Rail Style Tops	
031654-60	2” x 24-1/2” x 76” Conductive Foam – E & G Tops
031655-60	3” x 24-1/2” x 76” Conductive Foam – E & G Tops
061893-60	Pressurecare – 4” x 24-1/2” x 76” Cond. Foam – E & G Tops
068921-60	Enhanced Pressurecare – 5” x 24-1/2” x 76” – E & G Tops
031661	3” x 29-1/2” x 76” Conductive Foam – F & H Tops
061894-60	Pressurecare – 4” x 29-1/2” x 76” Cond. Foam – F & H Tops
068922-60	Enhanced Pressurecare – 5” X 29-1/2” X 76” – F & H Tops
Head and Foot Boards	
AirGlide Rail Style Tops	
067225-00	Head/Foot Board With Chart Holder
067221-00	Extension Head/Foot Board – With 1” Pad – With Chart Holder
Retracto Rail Style Tops	
00CR6B-00	End Board With Chart Rack – E & G Tops
00CR7B-00	Extension Head/Foot Board – With Chart Rack – E & G Tops
0CRW6B-00	End Board With Chart Rack – F & H Tops
0CRW7B-00	Extension Head/Foot Board – With Chart Rack – F & H Tops
Monitor Shelves	
AirGlide Rail Style Tops	
068835-00	Extension Footboard/Monitor Shelf With Chart Holder
Retracto Rail Style Tops	
000N45-00	Monitor Shelf – Removable – Folding – E & G Tops

068836-00	Extension Footboard/Mon. Shelf With Chart Rack – E & G Tops
00WN45-00	Monitor Shelf – Removable – Folding – F & H
068846-00	Extension Footboard/Mon. Shelf With Chart Rack – F & H Tops
X-Ray Accessories	
AirGlide Rail Style Tops	
00L25C-00	X-Ray Sub Top, "A" Tops Only
000027-00	X-Ray Cassette Holder With Handle, S.S.
Retracto Rail Style Tops	
000054-00	Lateral X-Ray Cassette Holder – Holds Up To 14" X 17"
Miscellaneous	
AirGlide Rail Style Tops	
075664-00	Self-Storing Push-bars, Standard Width
075665-00	Self-Storing Handles, Extra Wide
065180-00	Armboard – Height Adjustable – 1" Pad Included
00C16H-00	Heel Stirrups
00C16L-00	Knee Crutch Stirrups
00L16M-00	Mounting Adaptor Clamps For Heel Stirrups Leg Holders
067741-00	Side Rail Pads
Retracto Rail Style Tops	
00N16A-00	Heel Stirrups with Mounting Adaptors
00N16C-00	Knee Crutches with Mounting Adaptor
00N16E-00	Knee Crutches and Heel Stirrups with Mounting Adaptors
069257-00	Paper Roll Holder
076334-00	Armboard Stainless Steel with 2" Pad and Mounting Adaptor
128840-00	Drainage Bag Hooks
075656-00	Self Storing Push Bars
131934-00	Burgundy Bumpers and Labels For Department Identification
131935-00	Teal Bumpers and Labels For Department Identification
131936-00	Plum Bumpers and Labels For Department Identification
Universal	
000012-00	Restraint Straps With Buckle
APC012-00	Restraint Straps With Velcro
128450-00	Vertical Oxygen Tank Holder
065366-00	Universal Patient Tray
Base Accessories	
462 (Side Control)	
068577-00	Burgundy Label Kit
068578-00	Teal Label Kit
Universal	
075796	Center Track Steering – Model 462

It is recommended that only Hausted approved accessories be used with this device.
To order accessories, or for more detailed information on accessories, please contact Hausted at:
1.877.706.5151

Significant assemblies and components of the Hausted® Horizon Series Stretchers are illustrated and identified in this section. The part number, the description and the quantity required for each usage are given. Each indentation in the description represents the assembly level. The UNITS PER ASSEMBLY column is specific for the given assembly or subassembly level.

6.1 HOW TO USE THE ILLUSTRATED PARTS BREAKDOWN

1. Determine the function and application of the part required. Select the most appropriate title from the List of Illustrations in the Table of Contents. Note the illustration page number.
2. Turn to the page indicated and locate the desired part on the illustration.
3. From the illustration, obtain the item number assigned to the desired part. Refer to the accompanying tabular list (usually on the facing page) for the part number and description of the part.

NO INDENTATION –PART OF TOP ASSEMBLY

ONE INDENTATION – FIRST SUBASSEMBLY, PART OF ASSEMBLY UNDER WHICH IT IS INDENTED

Item No.	Part No.			SVC	Description
	P	146655	023		Arm and Lighthead Assembly
1	P	136807	181		CAP
2	P	136807	981		Funnel Cone Assembly
	P	136807	979		• CAP, Shield
	P	129362	378		• CLIP, Locking
	P	93911	304		• CONE, Cap
	P	136807	980		• FUNNEL, Cap
3	P	83628	001		SCREW, Button Head, #6-32 x 3/8 l
4	P	19684	061		LOCKWASHER, Helical, #6
5	P	90713	061		LOCKWASHER, Helical, #4
6	P	47760	091		SCREW, Button Head, #4-40 x

6.2 LIST OF ILLUSTRATIONS

Figure 6-1. Model 462 Base Assembly 6-3
Figure 6-2. Model 462 Base Assembly 6-5
Figure 6-3. Top Assembly - Straight (A Style) (Part 1 of 3) 6-7
Figure 6-3. Top Assembly - KneeFlex (C Style) (Part 2 of 3) 6-9
Figure 6-3. Top Assembly - KneeFlex (D - Extra Wide) (Part 3 of 3) 6-11
Figure 6-4. Pneumatic (P Style) - A, C, and D Style 6-13
Figure 6-5. Straight (A Style) Rail Assembly 6-15
Figure 6-6. Straight - Top Assemblies 6-17
Figure 6-7. KneeFlex - Top Assemblies (Part 1 of 2) 6-19
Figure 6-7. KneeFlex - Top Assemblies (Part 2 of 2) 6-21
Figure 6-8. Pneumatic (M Style) 6-23
Figure 6-9. 462EMP Youth Stretcher 6-25
Figure 6-10. Youth Vertical Rail Assembly 6-27
Figure 6-11. Three-Section Mounted I.V. Rod Assembly (A, C, D, Styles) 6-29
Figure 6-12. Three-Section Mounted I.V. Rod Assembly 6-31
Figure 6-13. 462 Fifth Wheel Center Track Assembly (Part 1 of 3) 6-33
Figure 6-13. 462 Fifth Wheel Center Track Assembly (Part 2 of 3) 6-35
Figure 6-13. 462 Fifth Wheel Center Track Assembly (Part 3 of 3) 6-37

FIGURE 6-1. MODEL 462 BASE ASSEMBLY

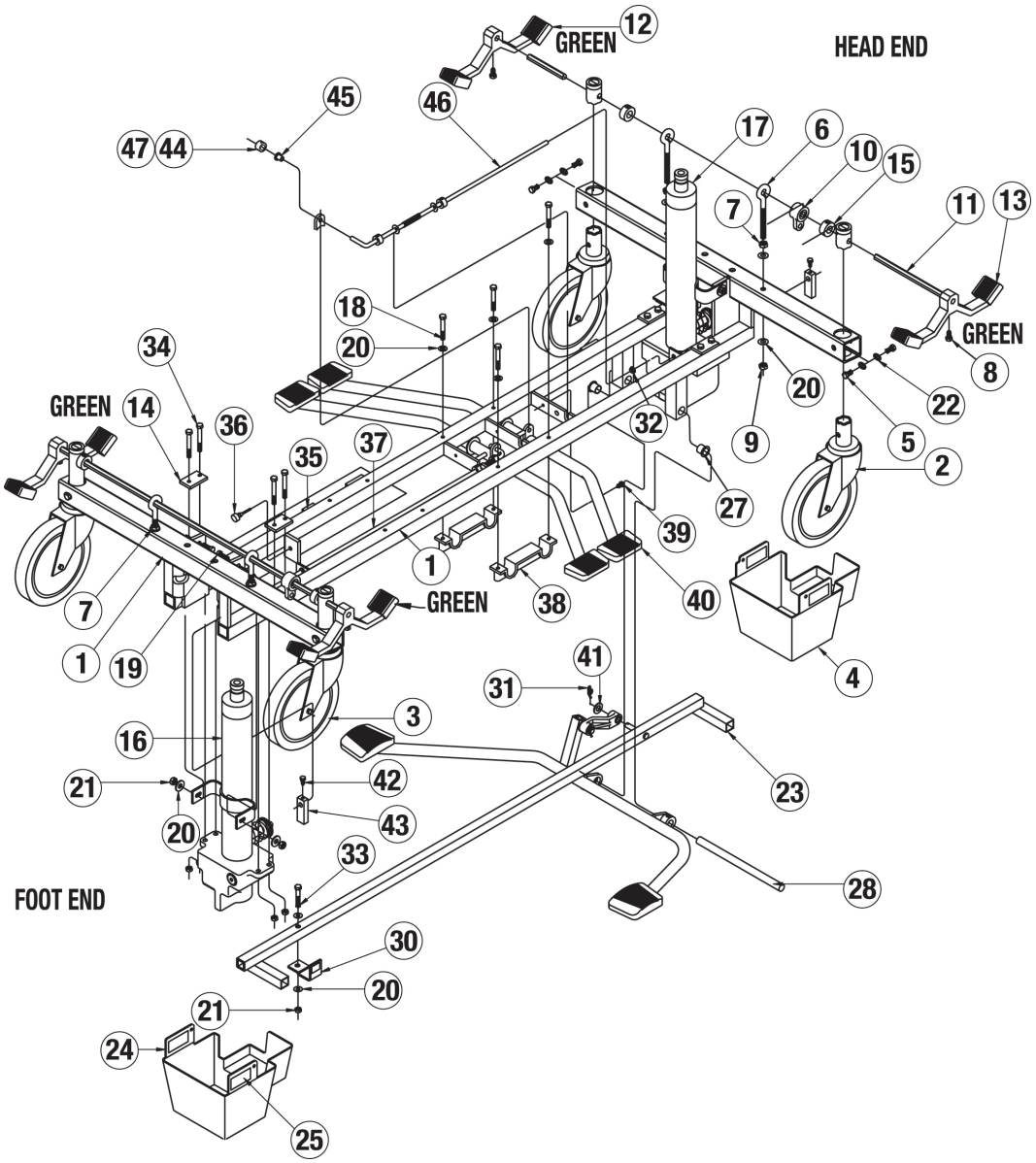

FIGURE 6-2. MODEL 462 BASE ASSEMBLY

FIGURE 6-1. MODEL 462 BASE ASSEMBLY

Item No.	Part No.			SVC	Description	Units Per Assembly					
					MODEL 462 BASE ASSEMBLY - NO 5TH WHEEL	X					
					MODEL 462 BASE ASSEMBLY - WITH 5TH WHEEL		X				
1	P	150830	492		BASE FRAME ASSEMBLY	1	1				
2	P	056397	897		CASTER, BRAKE TOTAL LOCK	3	4				
3	P	056397	896		CASTER, STEER LOCK	1	–				
4		069281			COVER, HORIZON BOTTOM, HEAD END	1	1				
5	P	150830	554		HEX HEAD CAP SCREW, M8 x 1.25 x 16	8	8				
6		065041			EYE BOLT, 5/16-18	4	4				
7		031058			NUT, FREE THREAD 5/16	4	4				
8		031101			CAP SCREW WITH MYLAR PATCH	4	4				
9	P	150830	756		LOCK NUT, 5/16-18	4	4				
10		062684			CAM LEVER	2	4				
11		068551			HORIZON BRAKE ROD	2	2				
12		066507			LEFT, BRAKE PEDAL ASSEMBLY	2	2				
13		066508			RIGHT, BRAKE PEDAL ASSEMBLY	2	2				
14		069478			JACK MOUNTING PLATE	4	4				
15		068338			COLLAR	4	4				
16		068207			HYDRAULIC JACK, HEAD END	1	1				
17		068209			HYDRAULIC JACK, FOOT END	1	1				
18		035122			HEX HEAD CAP SCREW, 1/4-20 x 1 5/8	4	4				
19		031337			HEX HEAD CAP SCREW, 1/4-20 x 3/4	4	4				
20		031076			WASHER, FLAT1/4	18	18				
21		031055			LOCK NUT, 1/4-20	13	13				
22		031092			LOCK WASHER, 5/16 INTERNAL TOOTH	8	8				
23		075241			JACK LINK ASSEMBLY	1	1				
24		069280			COVER, HORIZON BOTTOM, FOOT END	1	1				
25		068512			VELCRO PILE, 2 x 5/8	8	8				
26	P	150830	599		PUMP PEDAL ASSEMBLY	1	1				
27		068126			NYLINER, 1/2	2	2				
28		068379			PUMP PEDAL HINGE BAR	1	1				
29		075249			TEFLON TAPE, 2.5 x .75 (NOT SHOWN)	1	1				
30		068355			VERTICAL GUIDE ANGLE	1	1				
31		068417			RUE CLIP, 5/16	1	1				
32		068418			NYLINER, 1/4	2	2				
33		031006			HEX HEAD CAP SCREW, 1/4-20 x 1 1/2	1	1				
34		031321			HEX HEAD CAP SCREW, 1/4-20 x 2	8	8				
35		068380			TEFLON TAPE, 1.5 x .75	4	4				
36		069492			STOP BUMPER	1	1				
37	P	150830	747		RELEASE ASSEMBLY, FOOT	1	1				
38		069481			BRACKET, AXLE BEARING	2	2				
39	P	048064	045		SELF TAPPING SCREW, #10-16 x .375 TYPE B	1	1				

FIGURE 6-1. MODEL 462 BASE ASSEMBLY

Item No.	Part No.			SVC	Description	Units Per Assembly					
40	P	69484		*	RELEASE PEDAL	2	2				
41		031100			NYLON WASHER	1	1				
42		068890			HEX HEAD CAP SCREW, #10-32 x 1/2	2	2				
43		068377			PUSH PLATE	2	2				
44	P	150830	741		1/4" STOP COLLAR	2	2				
45		068530			NYLON SHOULDER WASHER	2	2				
46		150830	746		RELEASE ASSEMBLY, HEAD	1	1				
47	P	150830	742		SETSCREW, #10-32	2	2				

NOTE: The P prefix on the part numbers marked with an *, designate part numbers for the powder coated units. For chrome/stainless units the P prefix should be replaced with a 0 prefix.

FIGURE 6-1. MODEL 462 BASE ASSEMBLY

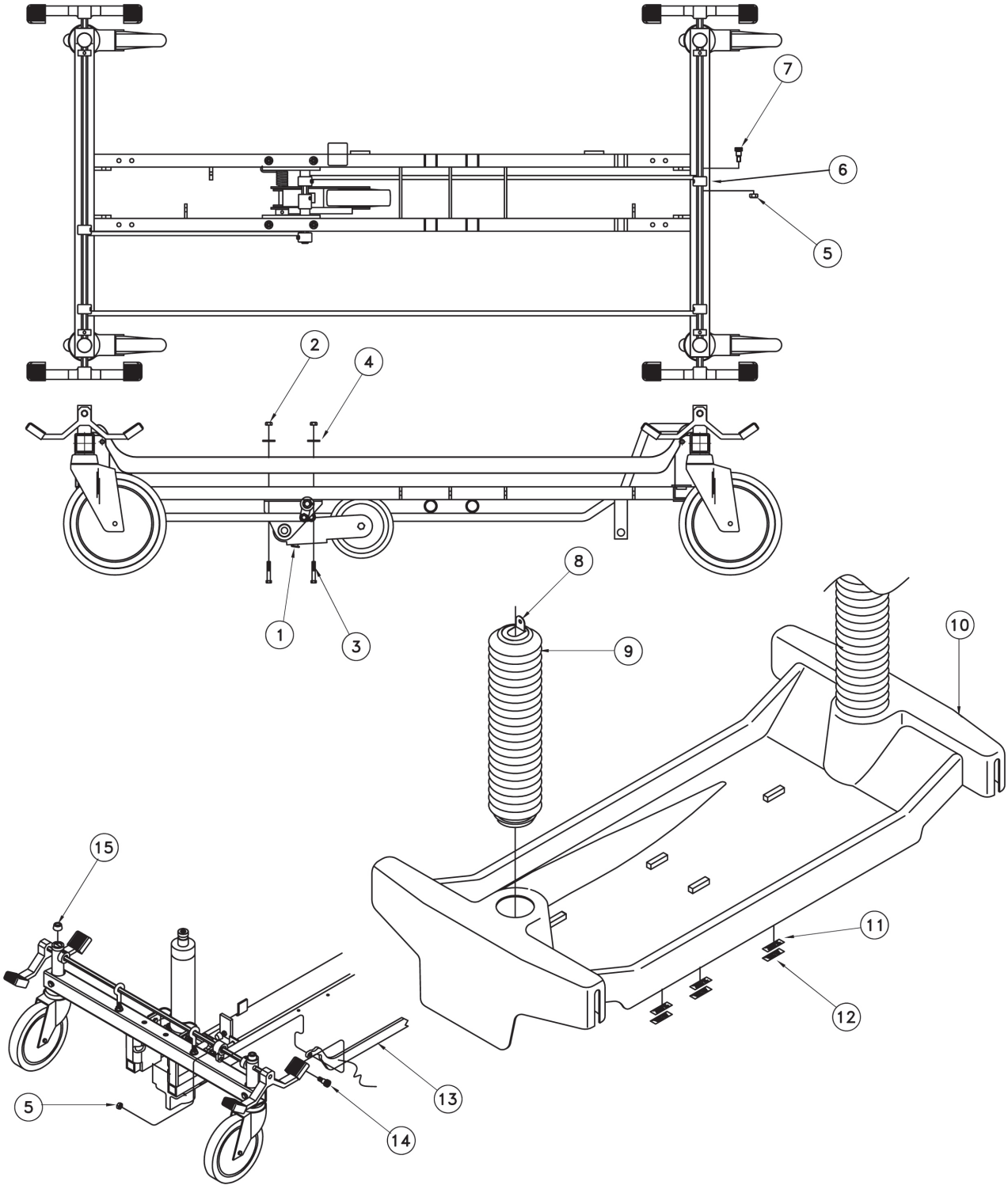

FIGURE 6-2. MODEL 462 BASE ASSEMBLY

FIGURE 6-1. MODEL 462 BASE ASSEMBLY

Item No.	Part No.			SVC	Description	Units Per Assembly					
					MODEL 462 BASE ASSEMBLY - NO 5TH WHEEL	X					
					MODEL 462 BASE ASSEMBLY - WITH 5TH WHEEL		X				
1		075796			5th Wheel Sub-Assembly	–	1				
2		031055			LOCKNUT, 1/4-20	–	4				
3		031006			SCREW, Hex Head Cap, 1/4-20 x 1-1/2	–	4				
4		031076			WASHER, Flat, 1/4	–	4				
5	P	150830	756		LOCKNUT, 5/16	–	2				
6		062684			CAM	–	2				
7		065807			BOLT, Shoulder, 3/8 x 3/8	–	2				
8		068583			PLATE, Bellows Attachment	2	2				
9		068550			BELLOWS	2	2				
10		068208			COVER, Horizon Base Top	1	1				
11		068512			PILE, Velcro, 2 x 5/8	8	8				
12		068513			HOOK, VELCRO, 2 X 5/8	8	8				
13	P	056397	930		LINKAGE, Brake/Steer	1	1				
14		065807			BOLT, Shoulder, 3/8 x 3/8	2	2				
15		031156			GROMMET	4	4				

FIGURE 6-3. TOP ASSEMBLY – STRAIGHT (A STYLE) (PART 1 OF 3)

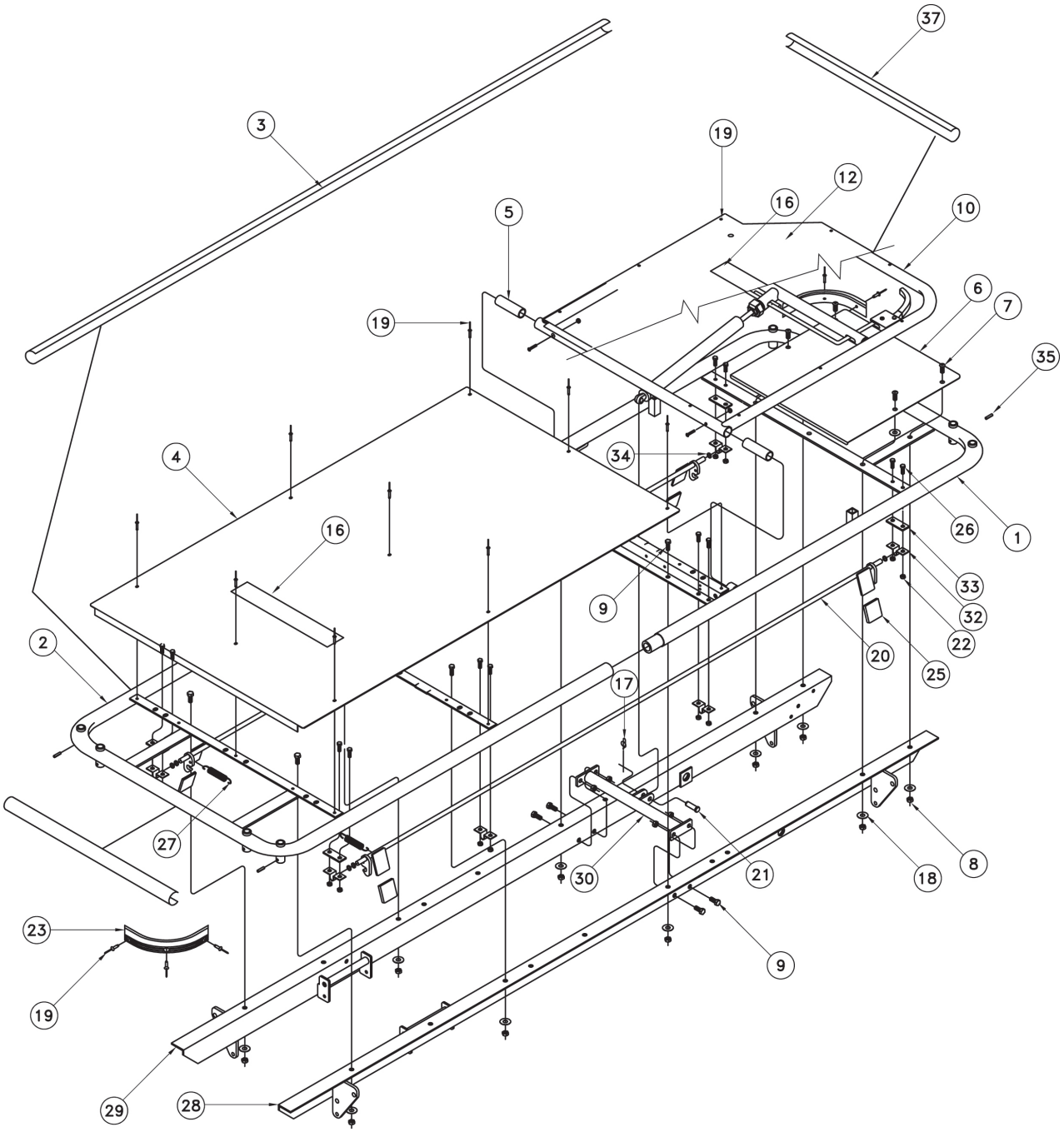

FIGURE 6-3. TOP ASSEMBLY – STRAIGHT (A STYLE) (PART 1 OF 3)

FIGURE 6-3. TOP ASSEMBLY – KNEEFLEX (C STYLE) (PART 2 OF 3)

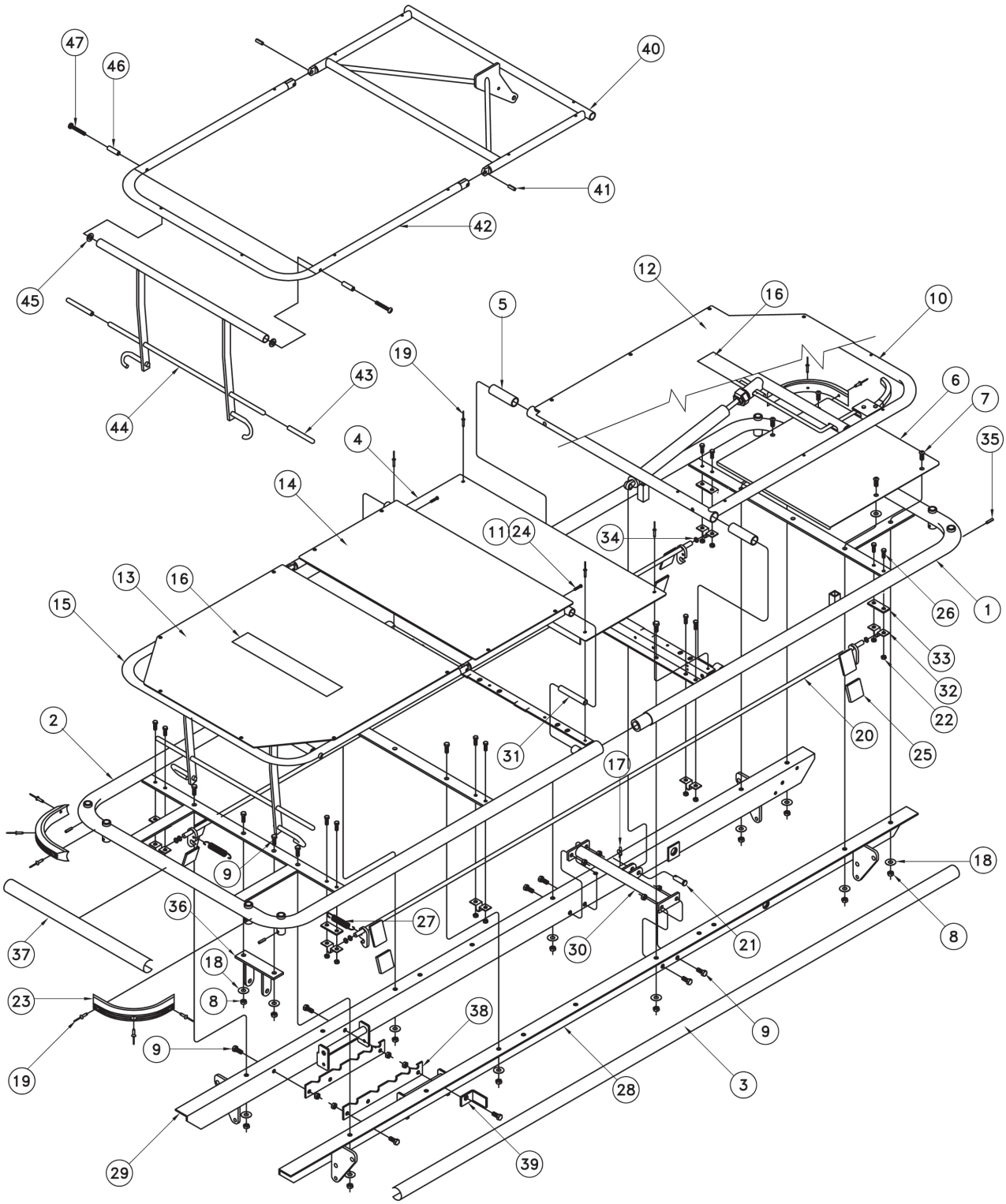

FIGURE 6-3. TOP ASSEMBLY – KNEEFLEX (C STYLE) (PART 2 OF 3)

FIGURE 6-3. TOP ASSEMBLY – KNEEFLEX (D EXTRA-WIDE) (3 OF 3)

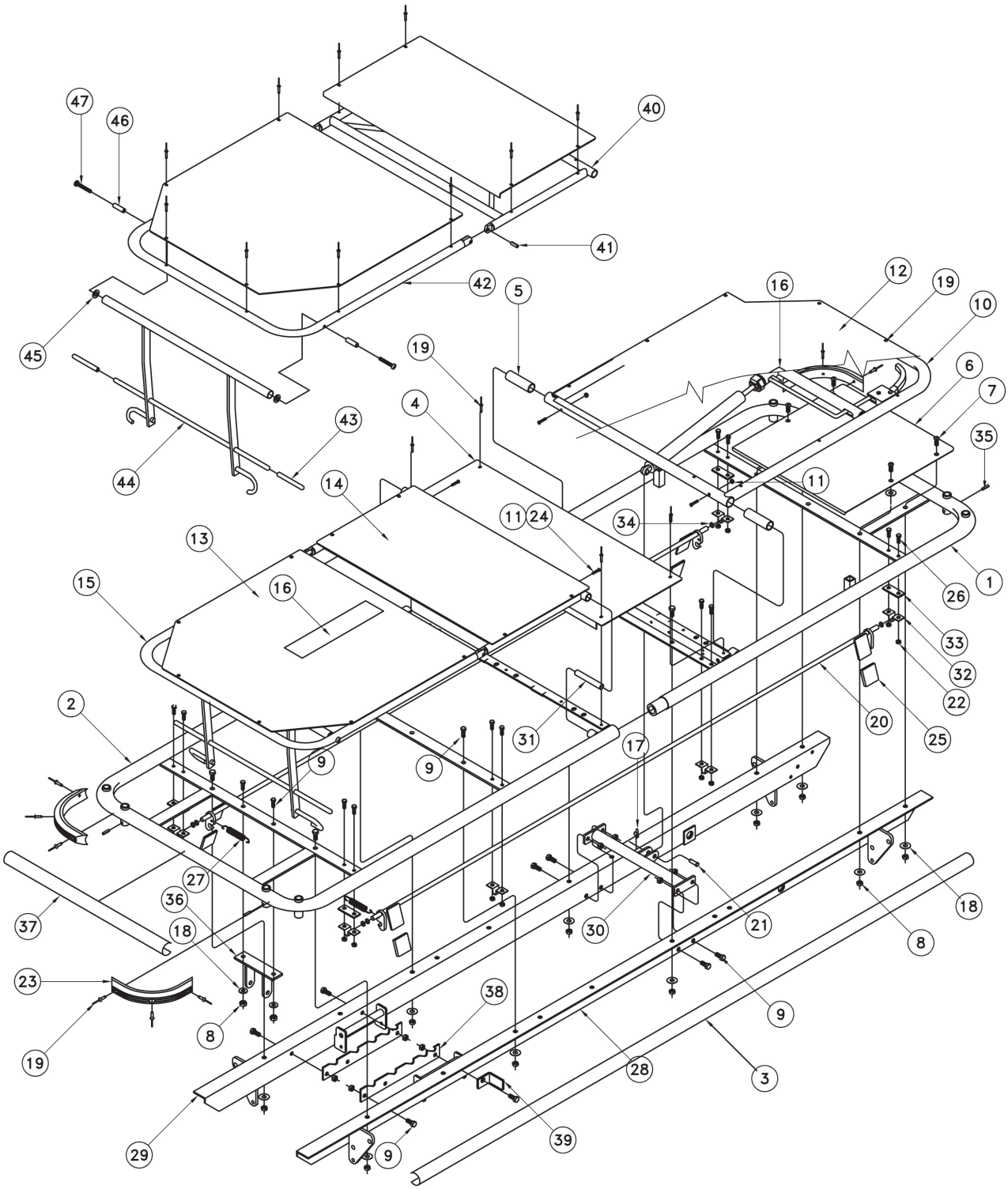

FIGURE 6-3. TOP ASSEMBLY – KNEEFLEX (D EXTRA-WIDE) (3 OF 3)

FIGURE 6-1. MODEL 462 BASE ASSEMBLY

Item No.	Part No.	SVC	Description	Units Per Assembly					
			TOP ASSEMBLY - STRAIGHT (A STYLE) REG. WIDTH	X					
			TOP ASSEMBLY - KNEEFLEX (C STYLE) REG. WIDTH		X				
			TOP ASSEMBLY - KNEEFLEX (D STYLE) EXTRA WIDE			X			
1	P67103	*	TOP WELDMENT, HEAD	1	1	–			
	P69221	*	TOP WELDMENT, HEAD - WIDE	–	–	1			
2	P67104	*	TOP WELDMENT, FOOT	1	–	–			
	P67109	*	TOP WELDMENT, FOOT, KNEE FLEX	–	1	–			
	P69225	*	TOP WELDMENT, FOOT, KNEE FLEX - WIDE	–	–	1			
3	075233		TUBE PROTECTOR, EXTRUSION	2	2	2			
4	P67130	*	TOP SHEET	1	–	–			
	P67126	*	SEAT COVER SHEET	–	1	–			
	P69234	*	SEAT COVERSHEET, WIDE	–	–	1			
5	066696		FOWLER HINGE TUBE	2	2	2			
6	P68529	*	COVER, UNDER FOWLER	1	–	1–			
	P69247	*	COVER, UNDER FOWLER, WIDE	–	–	1			
7	031012		HEX HEAD CAP SCREW, 5/16-18 X 1	4	4	4			
8	031057		LOCK NUT, 5/16-18	14	20	20			
9	031010		HEX HEAD CAP SCREW, 5/16-18 X 3/4	10	16	16			
10	P68931	*	FOWLER ASSY. AIRGLIDE TOP	1–	1	–			
	P69441	*	FOWLER ASSY. AIRGLIDE TOP, WIDE	–	–	1			
11	031421		LOCK NUT, #10-24	–	2	2			
12	P67129	*	FOWLER COVER SHEET	1–	1	–			
	P69237	*	FOWLER COVER SHEET, WIDE	–	–	1			
13	P67128	*	FOOT COVER SHEET	–	1	–			
	P69236	*	FOOT COVER SHEET, WIDE	–	–	1			
14	P67127	*	KNEE COVER SHEET	–	1	–			
	P69235	*	KNEE COVER SHEET, WIDE	–	–	1			
15	P67069	*	KNEE FLEX ASSY	–	1	–			
	P69250	*	KNEE FLEX ASSY., WIDE	–	–	1			
16	031212		VELCRO HOOK, 2 x 12	2	2	2			
17	065258		LOCKING COTTER PIN, RUE CLIP	1	1	1			
18	031080		WASHER, 5/16	12	14	14			
19	000794		POP RIVET, LARGE 3/16 x .45	29	34	34			
20	067131		RAIL LATCH ASSY	2	2	2			
21	075627		PIN, GAS SPRING HINGE	1	1	1			
22	031055		LOCK NUT, 1/4-20	16	16	16			
23	066540		CORNER BUMPER	4	4	4			
24	075503		MACHINE SCREW, #10-24 x 1 3/8, PHILLIPS PAN HEAD	–	2	2			
25	066613		RAIL LATCH CAP	4	4	4			
26	068786		HEX HEAD CAP SCREW, 1/4-20 x 5/8	16	16	16			
27	066603		LATCH SPRING	2	2	2			

FIGURE 6-3. TOP ASSEMBLY – STRAIGHT (A STYLE) & KNEEFLEX (C & D STYLES)

Item No.	Part No.	SVC	Description	Units Per Assembly					
28	068484		RIGHT, TOP ANGLE ASSY.	1	1	1			
29	068483		LEFT, TOP ANGLE ASSY.	1	1	1			
30	068495		GAS SPRING ANCHOR	1	1	–			
	069245		GAS SPRING ANCHOR	–	–	1			
31	030432		CROSS BAR SHAFT	–	2	2			
32	067136		LATCH TUBE SUPPORT	8	8	8			
33	066605		LATCH TUBE SUPPORT PLATE	4	4	4			
34	061375		WASHER, NYLON	6	6	6			
35	031314		SPRING PIN, 3/16 x 3/4	4	6	6			
36	069296		CRANK ANCHOR PLATE ASSY.	–	1	1			
37	075235		TUBE PROTECTOR	2	2	–			
	075236		TUBE PROTECTOR, WIDE	–	–	2			
38	065059		RATCHET PLATE	–	2	2			
39	067143		STOP ANGLE	–	1	1			
40	P67112	*	KNEE FLEX ASSEMBLY	–	1	–			
	P69226	*	KNEE FLEX ASSEMBLY, WIDE	–	–	1			
41	031312		PIN, Spring, .250 x .750	–	2	2			
42	P67114	*	ASSEMBLY, Foot Frame	–	1	–			
	P69232	*	ASSEMBLY, Foot Frame, Wide	–	–	1			
43	066688		CAP, Vinyl	2	2	–			
44	067113		SUPPORT, Knee Flex Foot	–	1	–			
	069229		SUPPORT, Knee Flex Foot, Wide	–	–	1			
45	035115		WASHER, Nylon, .75 OD x .3915 ID	–	2	2			
46	067149		SPACER, Foot Frame	–	2	2			
47	031357		SCREW, Phillips Head Machine, .250-20 x 1.750	–	2	2			

NOTE: The P prefix on the part numbers marked with an *, designate part numbers for the powder coated units. For chrome/stainless units the P prefix should be replaced with a 0 prefix.

FIGURE 6-4. PNEUMATIC (P STYLE) - A, C, AND D STYLE

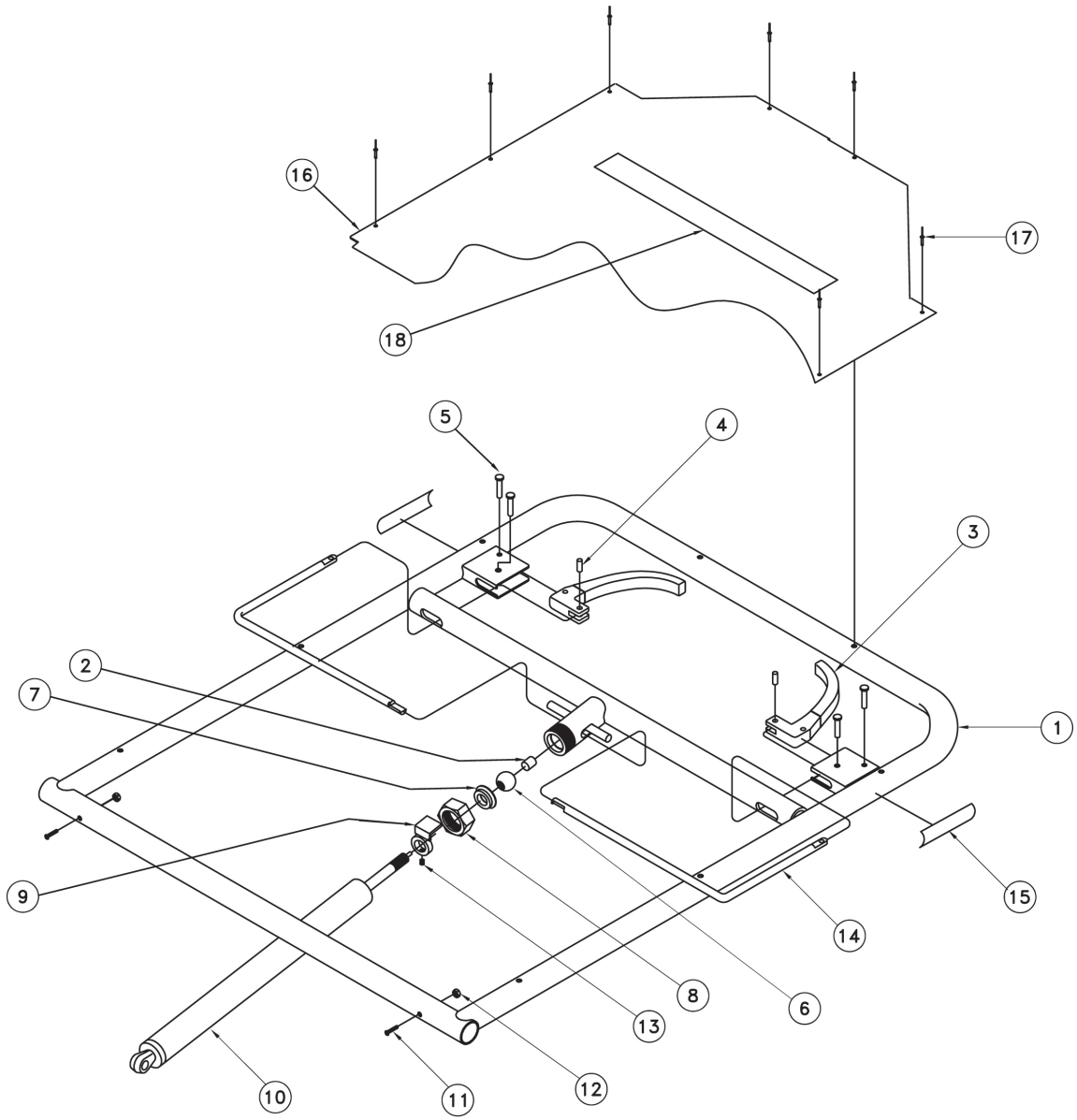

FIGURE 6-4. PNEUMATIC (P STYLE) - A, C, AND D STYLE

FIGURE 6-4. PNEUMATIC (P STYLE) - A, C, AND D STYLE

Item No.	Part No.	SVC	Description	Units Per Assembly					
			PNEUMATIC (P STYLE) - A & C STYLE (REG. WIDTH)	X					
			PNEUMATIC (P STYLE) - D STYLE (X-WIDE)		X				
1	P68442	*	FOWLER FRAME ASSEMBLY	1	–				
	P69241	*	FOWLER FRAME ASSEMBLY, WIDE	–	1				
2	068441		ACTUATING PIN	1	1				
3	066530		FOWLER HANDLE	2	2				
4	066547		PIN, HANDE - HINGE	2	2				
5	066548		CLEVIS PIN, .188 x .938	4	4				
6	068438		PIVOT BALL	1	1				
7	068436		BALL RETAINER	1	1				
8	068437		GAS SPRING NUT	1	1				
9	075403		STOP COLLAR	1	1				
10	067287		GAS SPRING	1	1				
11	075503		MACHINE SCREW, PHILLIPS PAN HEAD, #10-24 x 1 3/8	2	2				
12	031421		LOCK NUT, #10-24	2	2				
13	075410		SET SCREW, M5 x 10	1	1				
14	068435		RELEASE ROD	2	–				
	069240		RELEASE ROD, WIDE	–	2				
15	062654		LABEL, FOWLER	2	2				
16	P67129	*	FOWLER COVER SHEET	1	–				
	P69237	*	FOWLER COVER SHEET, WIDE	–	1				
17	000794		POP RIVET, LARGE 3/16 x .45	8	8				
18	031212		VELCRO HOOK, 2 x 12	1	1				

NOTE: The “P” prefix on the part numbers marked with an *, designate part numbers for the powder coated units. For chrome/stainless units the “P” prefix should be replaced with a “0” prefix. (Example: Item 1 for a chrome/stainless unit would become 068442.)

FIGURE 6-5. STRAIGHT (A STYLE) RAIL ASSEMBLY

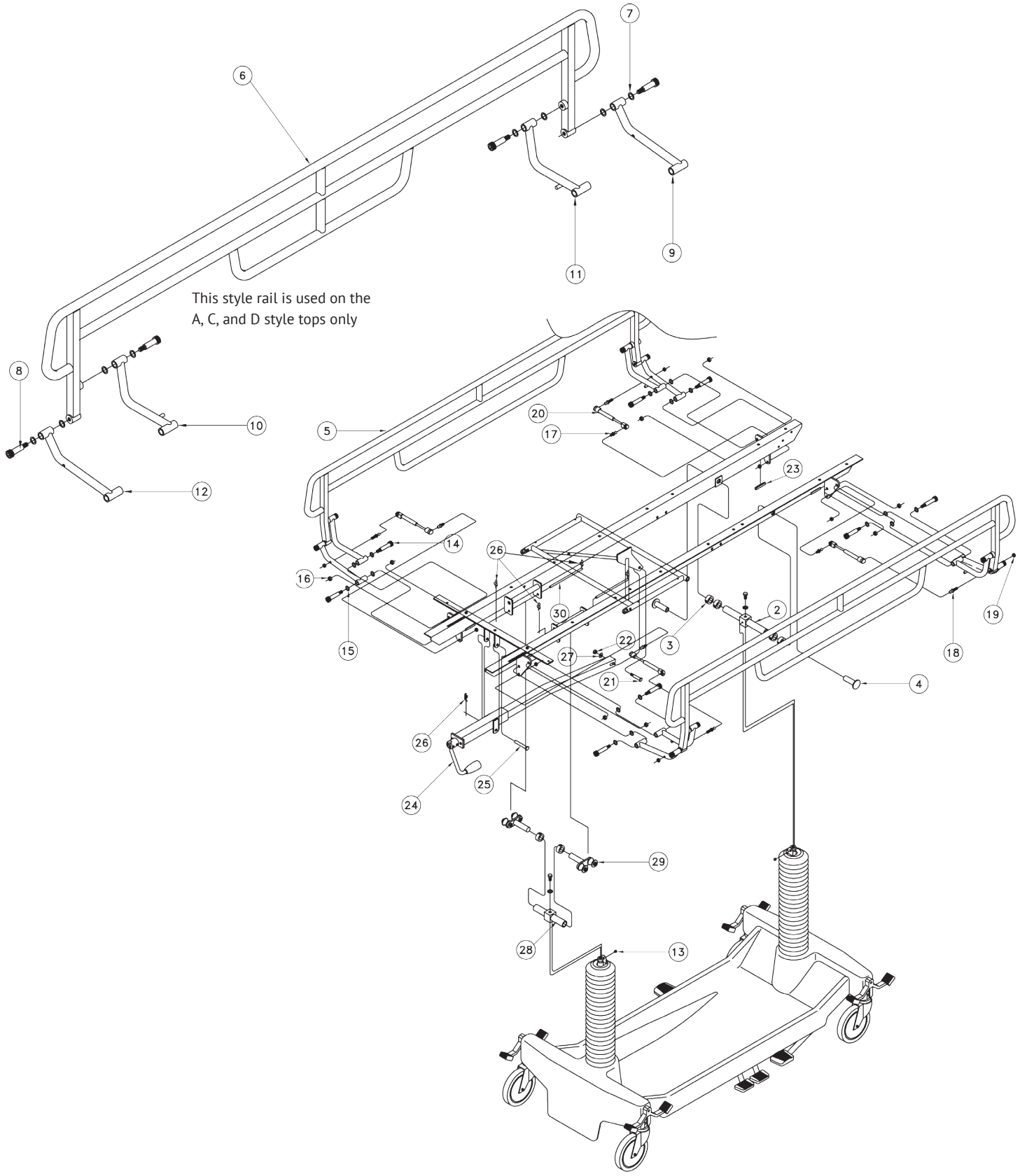

FIGURE 6-5. STRAIGHT (A STYLE) RAIL ASSEMBLY

FIGURE 6-5. STRAIGHT (A STYLE) RAIL ASSEMBLY

Item No.	Part No.			SVC	Description	Units Per Assembly					
					STRAIGHT (A STYLE) RAIL ASSEMBLY (this style rail is used on the A, C, & D style tops only)	X					
1					462 DPA						
2		069238			CROSSTUBE, HEAD END, WELDMENT	1					
3		068464			STOP COLLAR, 3/4 I.D.	6					
4		068493			HORIZON TOP RETAINING PLUG	2					
5		068521			AIRGLIDE RAIL ASSEMBLY	2					
6		075530			• WELDMENT, RAIL TALL AIRGLIDE	1					
7		066619			• NYLON WASHER						
8		066616			• SHOULDER BOLT, 1/2 x 1-1/2	4					
9		075532			• LOWER LINK LEFT, TALL RAIL	1					
10		075535			• UPPER LINK LEFT, TALL RAIL	1					
11		075536			• UPPER LINK RIGHT, TALL RAIL	1					
12		075533			• LOWER LINK RIGHT, TALL RAIL	1					
13		031021			ROUND HEAD SCREW, 1/4-20 x 1/4	2					
14		062037			SHOULDER BOLT, 1/2 x 2	8					
15		066619			NYLON WASHER, 3/4 OD x .505 ID	16					
16		066618			LOCK NUT, 3/8-16	8					
17		067712			BALL STUD, SHORT	4					
18		067711			BALL STUD, LONG	4					
19		031057			LOCK NUT, 5/16-18	8					
20		075529			RAIL, GAS SPRING, 154/110 NEWTONS	4					
21		030919			SHOULDER BOLT, 3/8-16	1					
22		030918			HEX NUT, 3/8-16	1					
23		066983			TRIM LOCK	4					
24		067062			KNEEFLEX CRANK ASSEMBLY	1					
25		065257			CLEVIS PIN	1					
26		065258			RUE CLIP	5					
27		030923			LOCK WASHER	1					
28		069248			CROSSTUBE, FOOT END, WELDMENT	1					
29		068466			ROLLER BRACKET ASSEMBLY	2					
30	P	150830	358		PIN, CLEVIS, 3/8 x 6-5/8	2					

FIGURE 6-6. STRAIGHT - TOP ASSEMBLIES

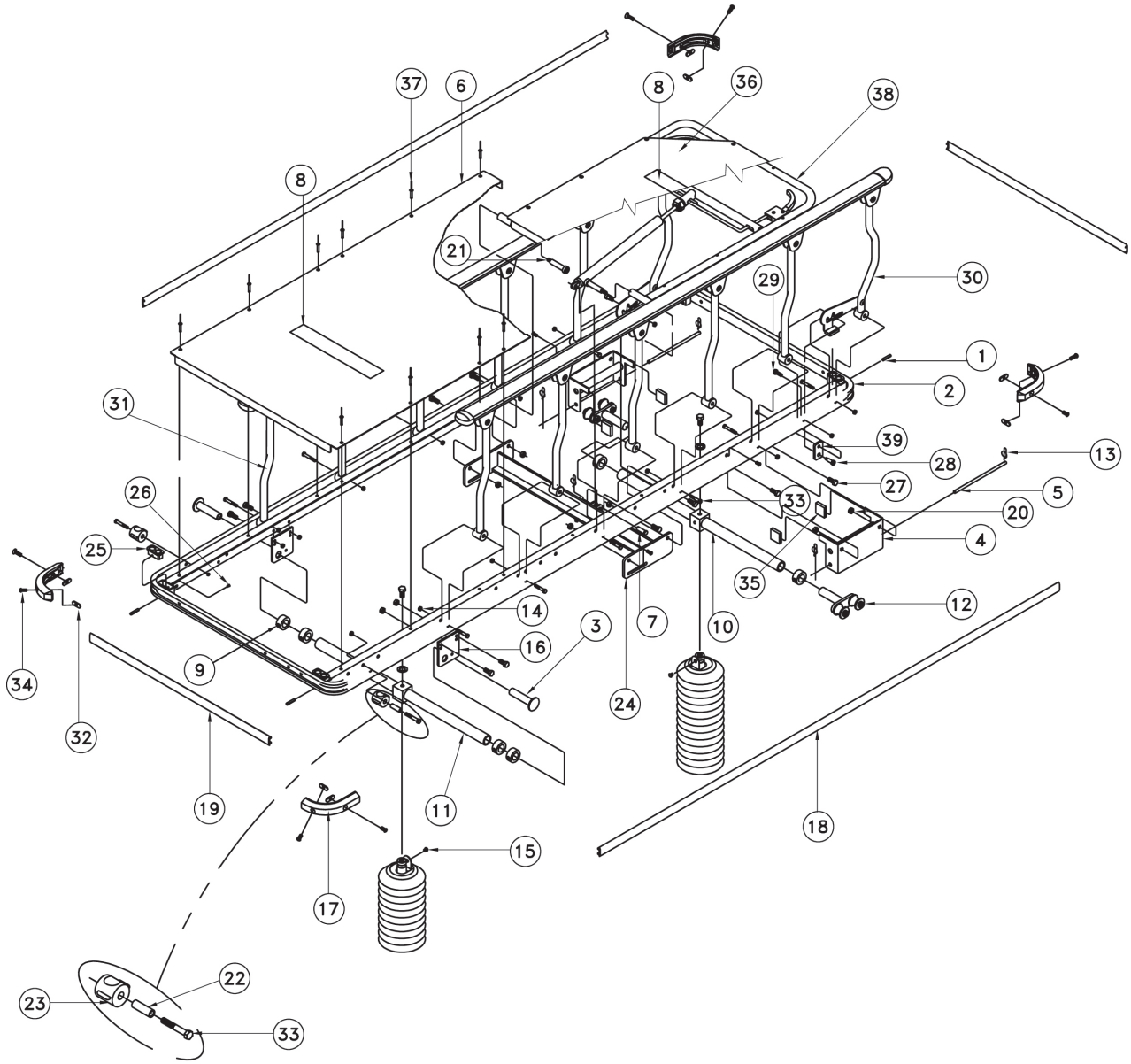

FIGURE 6-6. STRAIGHT - TOP ASSEMBLIES

FIGURE 6-6. STRAIGHT - TOP ASSEMBLIES

Item No.	Part No.			SVC	Description	Units Per Assembly					
					STRAIGHT - TOP ASSEMBLIES - STYLE E (REGULAR WIDTH)	X					
					STRAIGHT - TOP ASSEMBLIES - STYLE F (EXTRA-WIDE)		X				
1		031118			SPRING PIN, 3/16 x 1	4	4				
2	P	150830	489		HORIZON TOP WELDMENT	1	–				
	P	141210	510		HORIZON TOP WELDMENT, X-WIDE	–	1				
3		068493			RETAINING PLUG, HORIZON	2	2				
4		P69472			ROLLER BRACKET ASSEMBLY	2	2				
5	P	150830	358		PIN, CLEVIS 3/8 x 6-5/8	2	2				
6	P	150830	486		TOP COVER SHEET	1	–				
P		150830	572		TOP COVER SHEET, X-WIDE (not shown in illustration)	–	2				
7		075627			HINGE, GAS SPRING, PIN	1	1				
8		031212			VELCRO, HOOK, 2 x 12	2	2				
9		068464			COLLAR, 1.25 DIA x .765 ID	6	6				
10		068469			CROSSTUBE, HEAD END	1	–				
		068471			CROSSTUBE, HEAD END, X-WIDE	–	1				
11		068172			CROSSTUBE, FOOT END	1	–				
		068473			CROSSTUBE, FOOT END, X-WIDE	–	1				
12		068466			ROLLER PIVOT BRACKET	2	2				
13		065258			LOCKING COTTER PIN	5	5				
14		031055			LOCKNUT, 1/4-20	19	19				
15		031021			MACHINE SCREW, 1/4-20 x 1/4	2	2				
16		068481			PLATE FOOT END	2	2				
17		067958			CORNER BUMPER	4	4				
18		067959			BUMPER, SIDE, GRAY	2	2				
19		068154			BUMPER, END, GRAY	2	–				
		068151			BUMPER, END, GRAY, X-WIDE	–	2				
20		031057			LOCKNUT, 5/16-18	12	12				
21		062037			SHOULDER BOLT, 1/2 x 2	2	2				
22		035138			SPACER	2	2				
23		035137			ROCKER STOP	2	2				
24		068917			ANCHOR, GAS SPRING	1	1				
25		075226			I.V. WELL TOP CAP	4	4				
26		075229			NYLON ARROW CLIP, 1/8	4	4				
27		031010			HEX HEAD CAP SCREW, 5/16-18 x 3/4	12	12				
28		066617			SHOULDER BOLT, 5/16 x 1-1/4	2	2				
29		031004			HEX HEAD CAP SCREW, 1/4-20 x 1/2	2	2				
30		068887			RETRACTO RAIL ASSEMBLY, RIGHT	1	1				
31		068885			RETRACTO RAIL ASSEMBLY, LEFT	1	1				
32		031455			WELD NUT, 1/4-20	8	8				
33		035122			HEX HEAD CAP SCREW, 1/4-20 x 1-5/8	14	14				
34		061195			BUTTON HEAD SOCKET SCREW, 1/4-20 x 5/8	8	8				

FIGURE 6-6. STRAIGHT - TOP ASSEMBLIES

Item No.	Part No.		SVC	Description	Units Per Assembly					
35	069450			VINYL CAP ROLLER BRACKET	4	2				
36	P65855			SHEET, FOWLER COVER	1	–				
	P65879			SHEET, FOWLER COVER, X-WIDE	–	1				
37	000794			CHERRY RIVET, 3/16 x .45	20	20				
38	P68929	*		FOWLER ASSEMBLY	1	–				
	P68930	*		FOWLER ASSEMBLY, X-WIDE	–	1				
39	068198			PLATE, SUPPORT RETRACTO RAIL	2	2				

NOTE: The “P” prefix on the part numbers marked with an *, designate part numbers for the powder coated units. For chrome/stainless units the “P” prefix should be replaced with a “0” prefix.

FIGURE 6-7. KNEEFLEX – TOP ASSEMBLIES (1 OF 2)

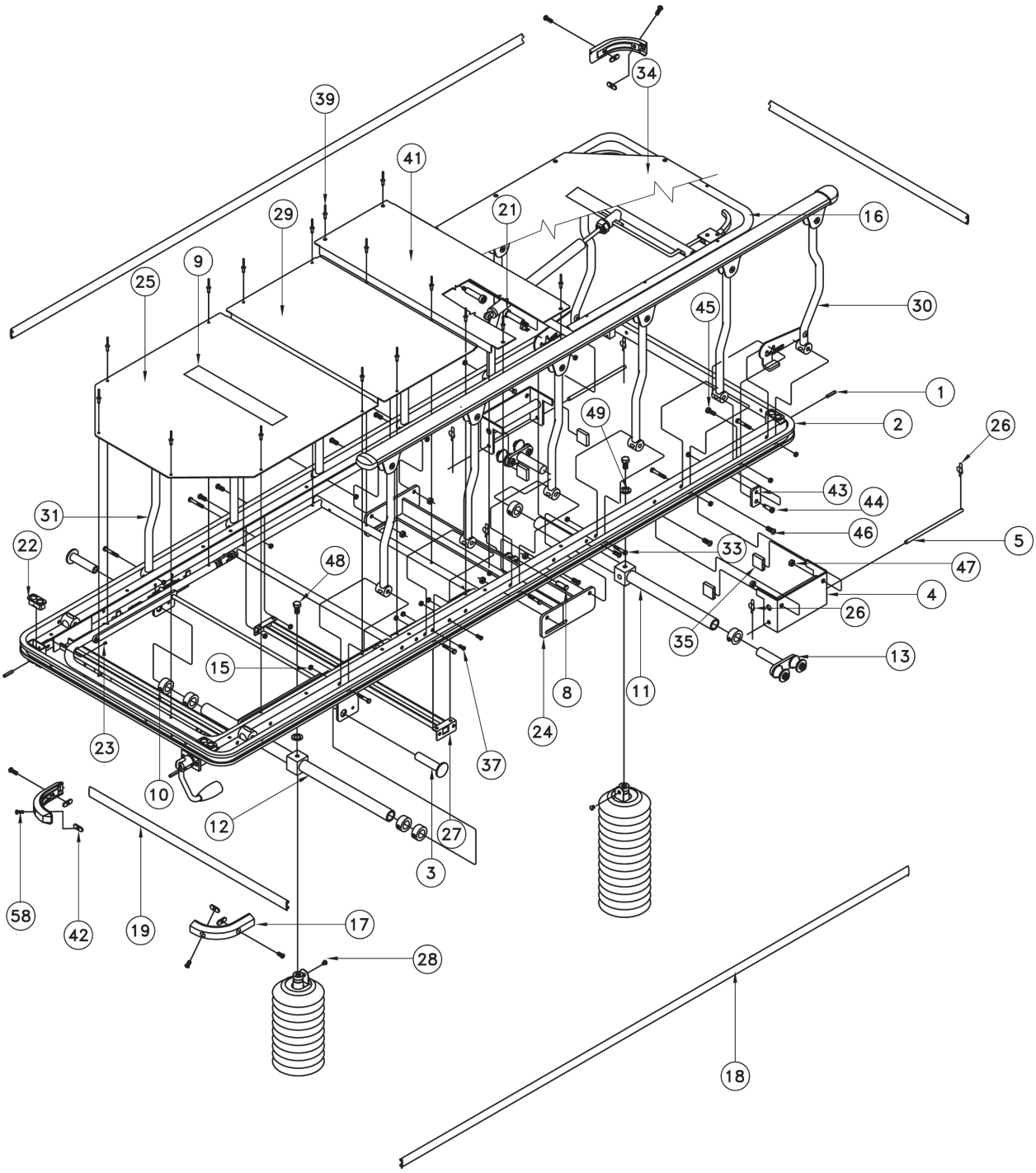

FIGURE 6-7. KNEEFLEX – TOP ASSEMBLIES (1 OF 2)

FIGURE 6-7. KNEEFLEX – TOP ASSEMBLIES (2 OF 2)

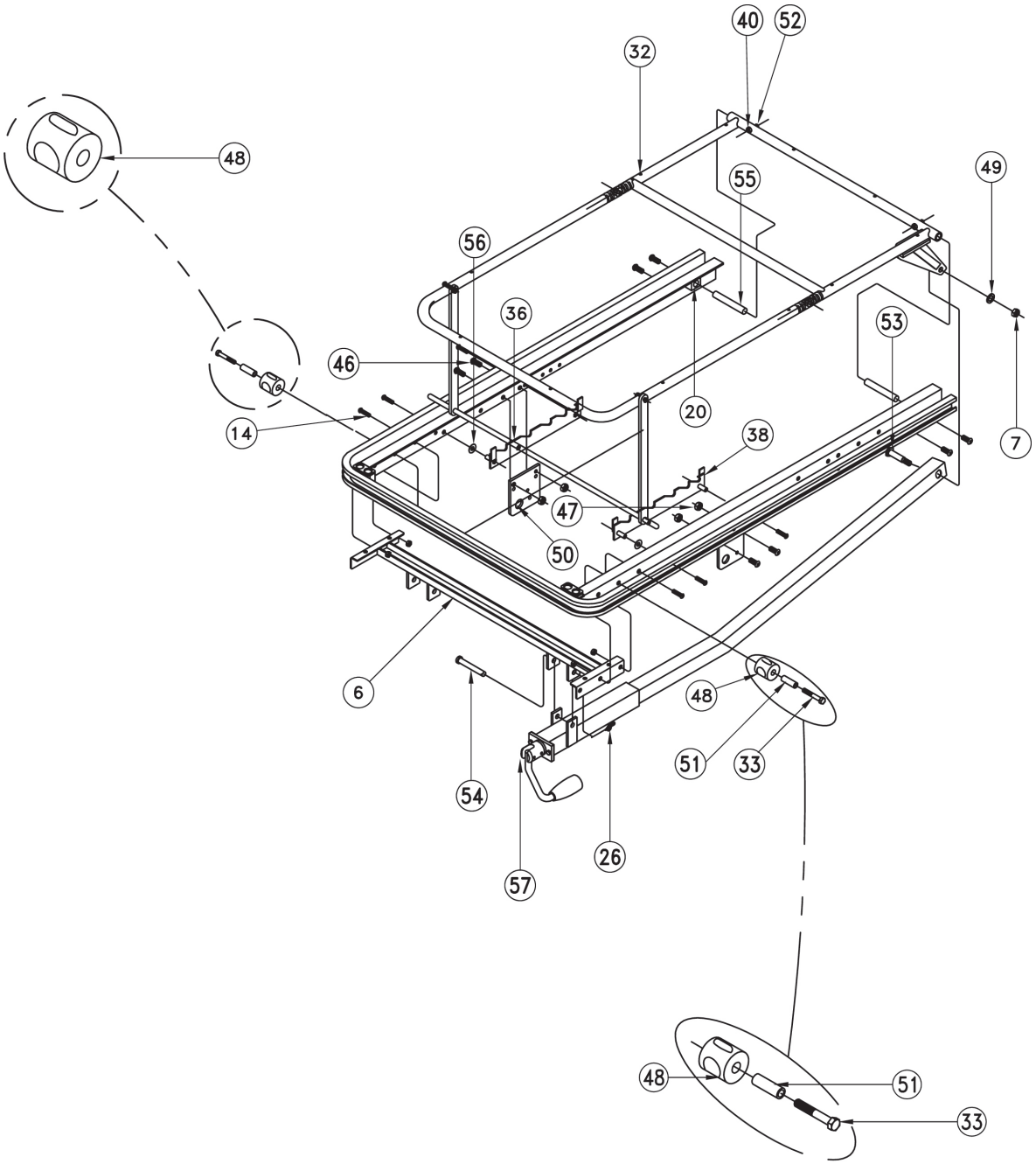

FIGURE 6-7. KNEEFLEX – TOP ASSEMBLIES (2 OF 2)

FIGURE 6-7. KNEEFLEX – TOP ASSEMBLIES

Item No.	Part No.			SVC	Description	Units Per Assembly					
					KNEEFLEX - TOP ASSEMBLIES - STYLE G (REGULAR WIDTH)	X					
					KNEEFLEX - TOP ASSEMBLIES - STYLE H (EXTRA-WIDE)		X				
1		031118			SPRING PIN, 3/16 x 1	4	4				
2	P	150830	489		HORIZON TOP WELDMENT	1	–				
	P	141210	510		HORIZON TOP WELDMENT, X-WIDE	–	1				
3		068493			RETAINING PLUG, HORIZON	2	2				
4		P69472			ROLLER BRACKET ASSEMBLY	2	2				
5	P	150830	358		PIN, CLEVIS 3/8 x 6-5/8	2	2				
6		P65250			KNEE FLEX CRANK SUPPORT, FOOT END	1	–				
		P65254			KNEE FLEX CRANK SUPPORT, FOOT END, X-WIDE	–	1				
7		030918			HEX NUT, 3/8-16	1	1				
8		075627			HINGE, GAS SPRING, PIN	1	1				
9		031212			VELCRO, HOOK, 2 x 12	2	2				
10		068464			COLLAR, 1.25 DIA x .765 ID	6	6				
11		068469			CROSSTUBE, HEAD END	1	–				
		068471			CROSSTUBE, HEAD END, X-WIDE	–	1				
12		068172			CROSSTUBE, FOOT END	1	–				
		068473			CROSSTUBE, FOOT END, X-WIDE	–	1				
13		068466			ROLLER PIVOT BRACKET	2	2				
14		031327			BUTTON HEAD SOCKET SCREW, 1/4-20 x 1	8	8				
15		031055			LOCKNUT, 1/4-20	23	23				
16		P68929	*		FOWLER ASSEMBLY	1	–				
		P68930	*		FOWLER ASSEMBLY, X-WIDE	–	1				
17		067958			CORNER BUMPER	4	4				
18		067959			BUMPER, SIDE, GRAY	2	2				
19		068154			BUMPER, END, GRAY	2	–				
		068151			BUMPER, END, GRAY, X-WIDE	–	2				
20	P	150830	490		MOUNTING BLOCK, THIGH	2	2				
21		062037			SHOULDER BOLT, 1/2 x 2	2	2				
22		075226			I.V. WELL TOP CAP	4	4				
23		075229			NYLON ARROW CLIP, 1/8	4	4				
24		068917			ANCHOR, GAS SPRING	1	–				
		P68912			ANCHOR, GAS SPRING, X-WIDE	–	1				
25		P62226			FOOT SECTION COVER	1	–				
		P62261			FOOT SECTION COVER, X-WIDE	–	1				
26		065258			LOCKING COTTER PIN	6	6				
27		062358			ACCESSORY SUPPORT CHANNEL	1	–				
		062359			ACCESSORY SUPPORT CHANNEL, X-WIDE	–	1				
28		031021			MACHINE SCREW, 1/4-20 x 1/4	2	2				
29		P33013			LEG SECTION COVER	1	–				
		P33050			LEG SECTION COVER, X-WIDE	–	1				

FIGURE 6-7. KNEEFLEX – TOP ASSEMBLIES

Item No.	Part No.			SVC	Description	Units Per Assembly					
30		068887			RETRACTO RAIL ASSEMBLY, RIGHT	1	1				
31		068885			RETRACTO RAIL ASSEMBLY, LEFT	1	1				
32	P	056397	890		KNEE FLEX ASSEMBLY	1	–				
	P	150830	540		KNEE FLEX ASSEMBLY, X-WIDE	–	1				
33		35122			HEX HEAD CAP SCREW, 1/4-20 x 1-5/8	14	14				
34		P65855			SHEET, FOWLER	1	–				
		P65879			SHEET, FOWLER, X-WIDE	–	1				
35		069450			VINYL CAP ROLLER BRACKET	4	2				
36		065061			KNEE-FLEX RATCHET PLATE ASSEMBLY, LEFT	1	1				
37		031337			HEX HEAD CAP SCREW, 1/4-20 x 3/4	10	10				
38		065060			KNEE-FLEX RATCHET PLATE ASSEMBLY, RIGHT	1	1				
39		000794			CHERRY RIVET, 3/16 x .45	24	24				
40		031421			LOCKNUT, #10-24	1	1				
41	P	150830	626		COVER, Seat Section	1	–				
	P	150830	639		COVER, Seat Section, Wide	–	1				
42		031455			NUT, Weld, 1/4-20	8	8				
43		068198			PLATE, Support Retracto Rail	2	2				
44		066617			BOLT, Shoulder, 5/16 x 1-1/4	2	2				
45		031004			SCREW, Hex Head Cap Screw, 1/4-20 x 1/2	2	2				
46		031010			SCREW, Hex Head Cap Screw, 5/16-18 x 3/4	16	16				
47		031057			LOCKNUT, 5/16-18	12	12				
48		035137			STOP, Rocker	2	2				
49		030923			WASHER, Lock	1	1				
50		068481			PLATE, Foot End	2	2				
51		035138			SPACER	2	2				
52		075502			SCREW, Phillips Head, #10-24 x 1-1/8	1	1				
53		030919			BOLT, Special Shoulder, 1/2 x1-1/2	1	1				
54		065257			PIN, CLEVIS	1	1				
55		062209			SHAFT, Crossbar	2	2				
56		031364			WASHER, Flat, 1/4	2	2				
57		068724			ASSEMBLY, 462 Elevating Crank	1	1				
58		061195			SCREW, Button Head Socket, 1/4-20 x 5/8	8	8				

NOTE: The “P” prefix on the part numbers marked with an *, designate part numbers for the powder coated units. For chrome/stainless units the “P” prefix should be replaced with a “0” prefix. (Example: Item 16 for a chrome/stainless unit would become 068929)

FIGURE 6-8. PNEUMATIC (M STYLE)

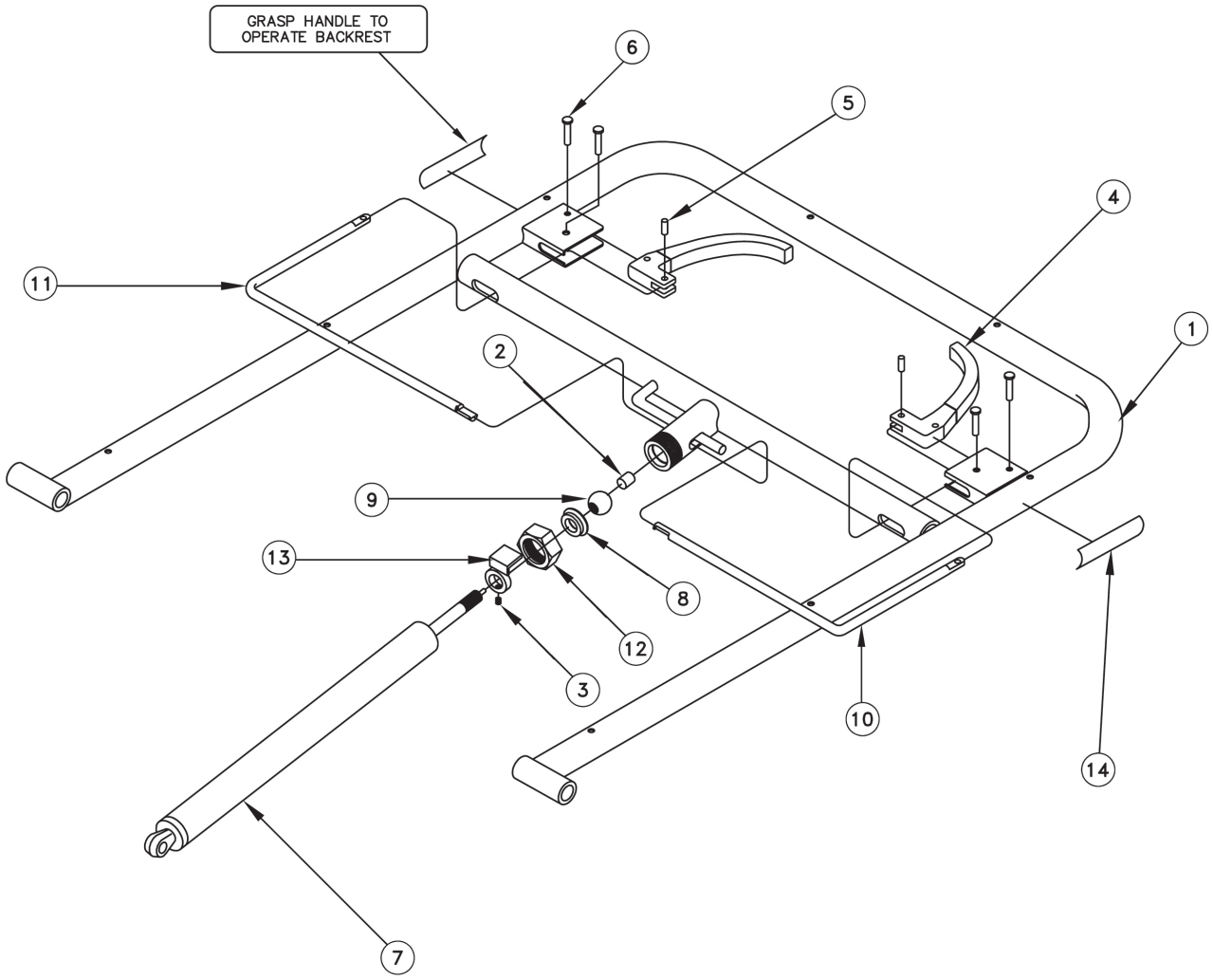

FIGURE 6-8. PNEUMATIC (M STYLE)

FIGURE 6-8. PNEUMATIC (M STYLE)

Item No.	Part No.		SVC	Description	Units Per Assembly					
				PNEUMATIC (M STYLE) - E & G STYLE (REG. WIDTH)	X					
				PNEUMATIC (M STYLE) - F & H STYLE (X-WIDE)		X				
1	P68907	*		FOWLER FRAME ASSEMBLY, USED W/RETRACTO RAIL	1	–				
	P68901	*		FOWLER FRAME ASSEMBLY, WIDE, USED W/RETRACTO RAIL	–	1				
2	068441			ACTUATING PIN	1	1				
3	075410			SET SCREW, M5 x 10	1	1				
4	066530			FOWLER HANDLE	2	2				
5	066547			PIN, HANDE - HINGE	2	2				
6	066548			CLEVIS PIN, .188 x .938	4	4				
7	067287			GAS SPRING	1	1				
8	068436			BALL RETAINER	1	1				
9	068438			PIVOT BALL	1	1				
10	068435			RELEASE ROD, SHORT	1	–				
	069240			RELEASE ROD, SHORT, X-WIDE	–	1				
11	068909			RELEASE ROD, LONG	1	–				
	069431			RELEASE ROD, LONG, X-WIDE	–	1				
12	068437			GAS SPRING NUT	1	1				
13	075403			STOP COLLAR	1	1				
14	062654			LABEL, FOWLER	2	2				

NOTE: The “P” prefix on the part numbers marked with an *, designate part numbers for the powder coated units. For chrome/stainless units the “P” prefix should be replaced with a “0” prefix. (Example: Item 1 for a chrome/stainless unit would become 068907)

FIGURE 6-9. 462EMP YOUTH STRETCHER

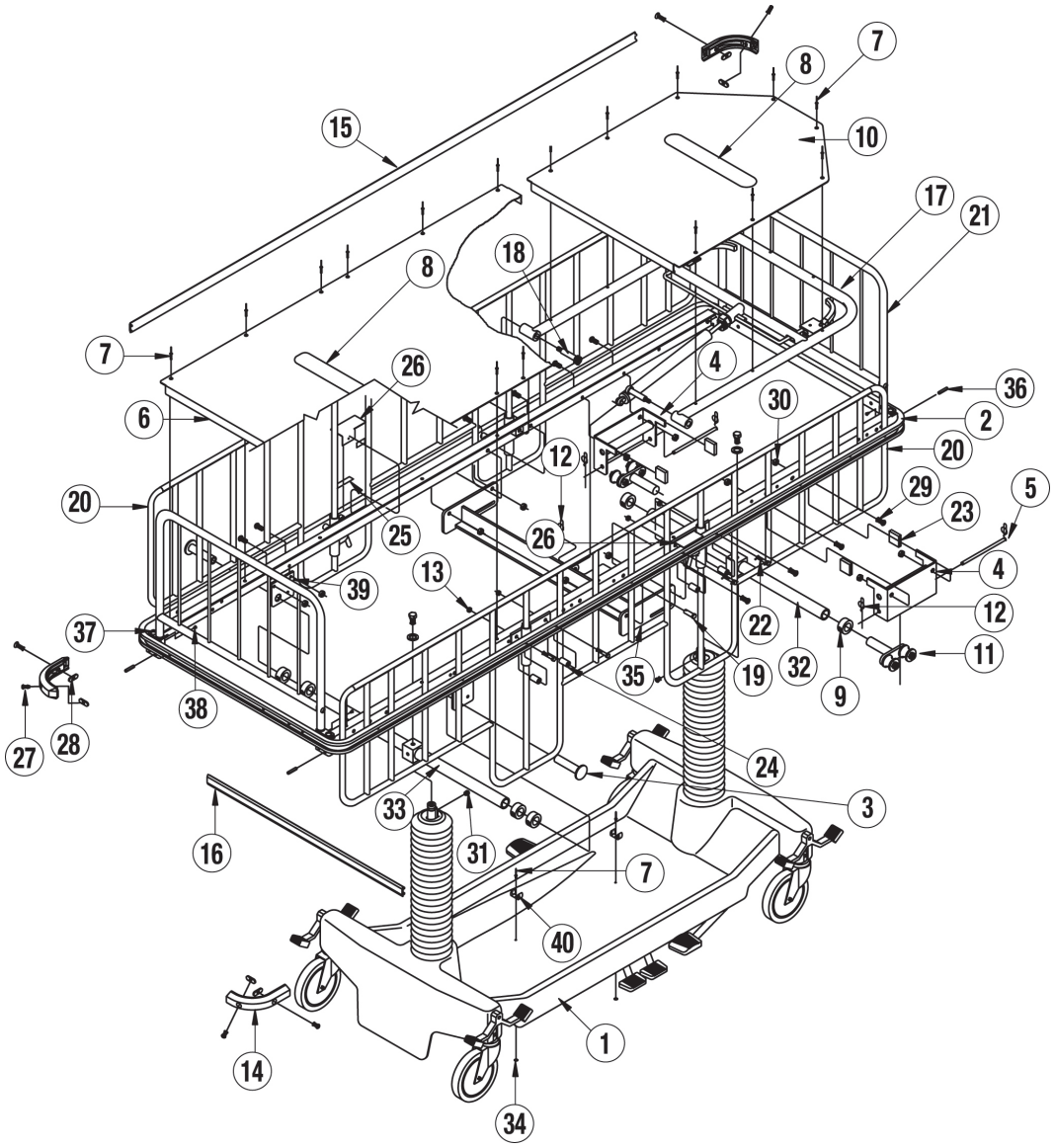

FIGURE 6-9. 462EMP YOUTH STRETCHER

FIGURE 6-9. 462EMP YOUTH STRETCHER

Item No.	Part No.			SVC	Description	Units Per Assembly					
					462EMP YOUTH STRETCHER	X					
1					BASE FINAL ASSEMBLY						
2	P	150830	489		TOP WELDMENT, REGULAR WIDTH	1					
3		068493			HORIZON TOP RETAINING PLUG	2					
4		P69472		*	ROLLER BRACKET ASSEMBLY	2					
5	P	150830	358		CLEVIS PIN	2					
6	P	150830	486		TOP COVER SHEET	1					
7		000794			CHERRY RIVET, 3/16 x .250”	22					
8		031212			VELCRO HOOK, CORNERS	2					
9		068464			COLLAR, 1.25 DIA x .764 ID	6					
10		P65855		*	SHEET, FOWLER COVER	1					
11		068466			ROLLER PIVOT BRACKET ASSEMBLY	2					
12		065258			RUE CLIP	5					
13		031055			LOCKNUT, 1/4-20	12					
14		067958			BUMPER CHANNEL CORNER, 826	4					
15		067959			BUMPER EXTRUSION, 826	2					
16		068154			EXTRUSION CHANNEL	2					
17		P68929		*	FOWLER ASSEMBLY	1					
18		062037			SHOULDER BOLT, 1/2 x 2	2					
19		075627			HINGE PIN, GAS SPRING	1					
20		128930			SIDE RAIL ASSEMBLY	2					
21		066250			END RAIL ASSEMBLY	2					
22		031321			HEX HEAD CAP SCREW, 1/4-20 x 2	8					
23		069450			VINYL CAP	4					
24		013111			VERTICAL RAIL SPACER	8					
25		000990			DOUBLE SIDED TAPE, 2” LONG	4					
26		069066			MOUNTING PLATE, LABEL	2					
27		061195			BUTTON HEAD SOCKET SCREW, 1/4-20 x 5/8”	8					
28		031455			WELD NUT, 1/4-20	8					
29		067292			BUTTON HEAD SOCKET SCREW, 5/16-18 x 3/4”	12					
30		031057			LOCKNUT, 5/16-18	12					
31		031021			MACHINE SCREW, 1/4-20x 1/4”	2					
32		068469			CROSS TUBE, HEAD	1					
33		068172			CROSS TUBE, FOOT	1					
34		000787			WASHER	2					
35		068917			ANCHOR ASSEMBLY, GAS SPRING	1					
36		031118			SPRING PIN, 3/16 x 1”	4					
37		075226			I.V. WELL TOP CAP	4					
38		075229			CLIP, NYLON	4					
39		068481			PLATE, FOOT END SUPPORT	2					
40		062080			BROOM CLIP	2					

NOTE: The “P” prefix on the part numbers marked with an *, designate part numbers for the powder coated units. For chrome/stainless units the “P” prefix should be replaced with a “0” prefix. (Example: Item 4 for a chrome/stainless unit would become 069472.)

FIGURE 6-10. YOUTH VERTICAL RAIL ASSEMBLY

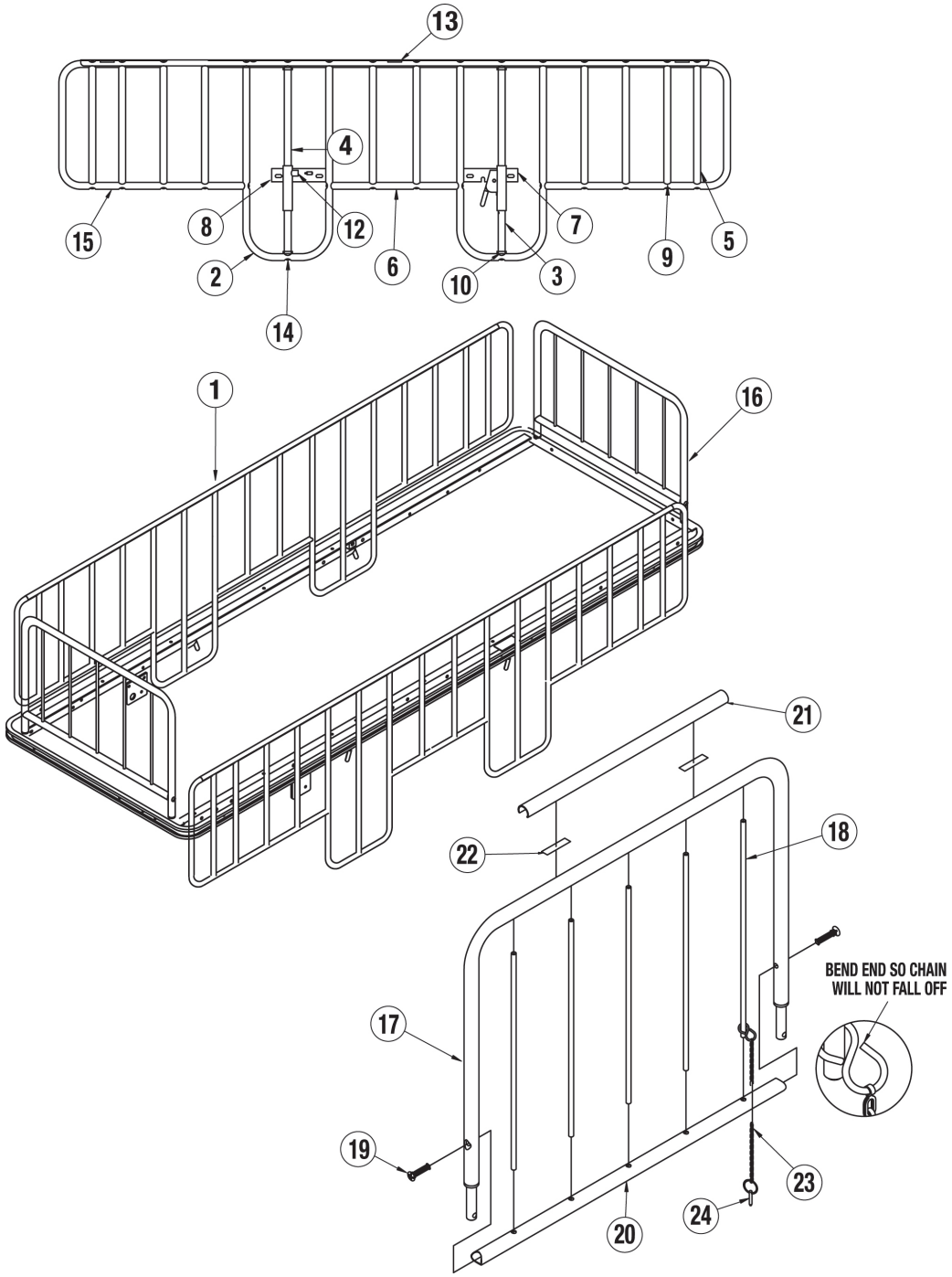

FIGURE 6-10. YOUTH VERTICAL RAIL ASSEMBLY

FIGURE 6-10. YOUTH VERTICAL RAIL ASSEMBLY

Item No.	Part No.			SVC	Description	Units Per Assembly					
					YOUTH VERTICAL RAIL ASSEMBLY	X					
1		128930			SIDE RAIL ASSEMBLY	2					
2		12893D			• LOWER RAIL	2					
3	P	056397	933		• TUBE ASSEMBLY, LOCK, VERTICAL	1					
4	P	056397	932		• VERTICAL TUBE	1					
5		12893B			• UPPER RAIL END TUBE ASSEMBLY	10					
6		12893C			• VERTICAL RAIL BRACE ASSEMBLY	1					
7	P	056397	939		• PEDIATRIC RAIL LOCKING TUBE	1					
8		069098			• VERTICAL RAIL SLIDE TUBE ASSEMBLY	1					
9		031037			• PHILLIPS OVAL HEAD SCREW, 1/4-20 x 1 1/2	28					
10		035419			• RAIL CUSHION HOSE	4					
11		12893E			• RAIL CAP EXTRUSION, 68	1					
12		069214			• RAIL PLUNGER, 5/16-18 x 5/8	1					
13		068485			• DOUBLE SIDED TAPE, 2 LONG PIECE	3					
14	P	150830	594		• PHILLIPS OVAL HEAD SCREW, 1/4-20 x 1 1/4	4					
15		12893A			• UPPER RAIL	1					
16		066250			HEAD & FOOT END RAIL ASSEMBLY	2					
17		066254			• HEAD & FOOT END FRAME ASSEMBLY	1					
18		066252			• HEAD & FOOT END VERTICAL ROD TALL	5					
19		031037			• PHILLIPS OVAL HEAD SCREW, 1/4-20 x 1 1/2	2					
20		062343			• HEAD & FOOT END RAIL BASE TUBE	1					
21		069083			• END RAIL CAP EXTRUSION	1					
22		068475			• DOUBLE SIDED TAPE, 2 LONG PIECE	2					
23		050233			• CHAIN, 12 ASSEMBLY	1					
24		062377			• PIN & RING ASSEMBLY	1					

FIGURE 6-11. THREE-SECTION MOUNTED I.V. ROD ASSEMBLY (A, C, D, STYLES)

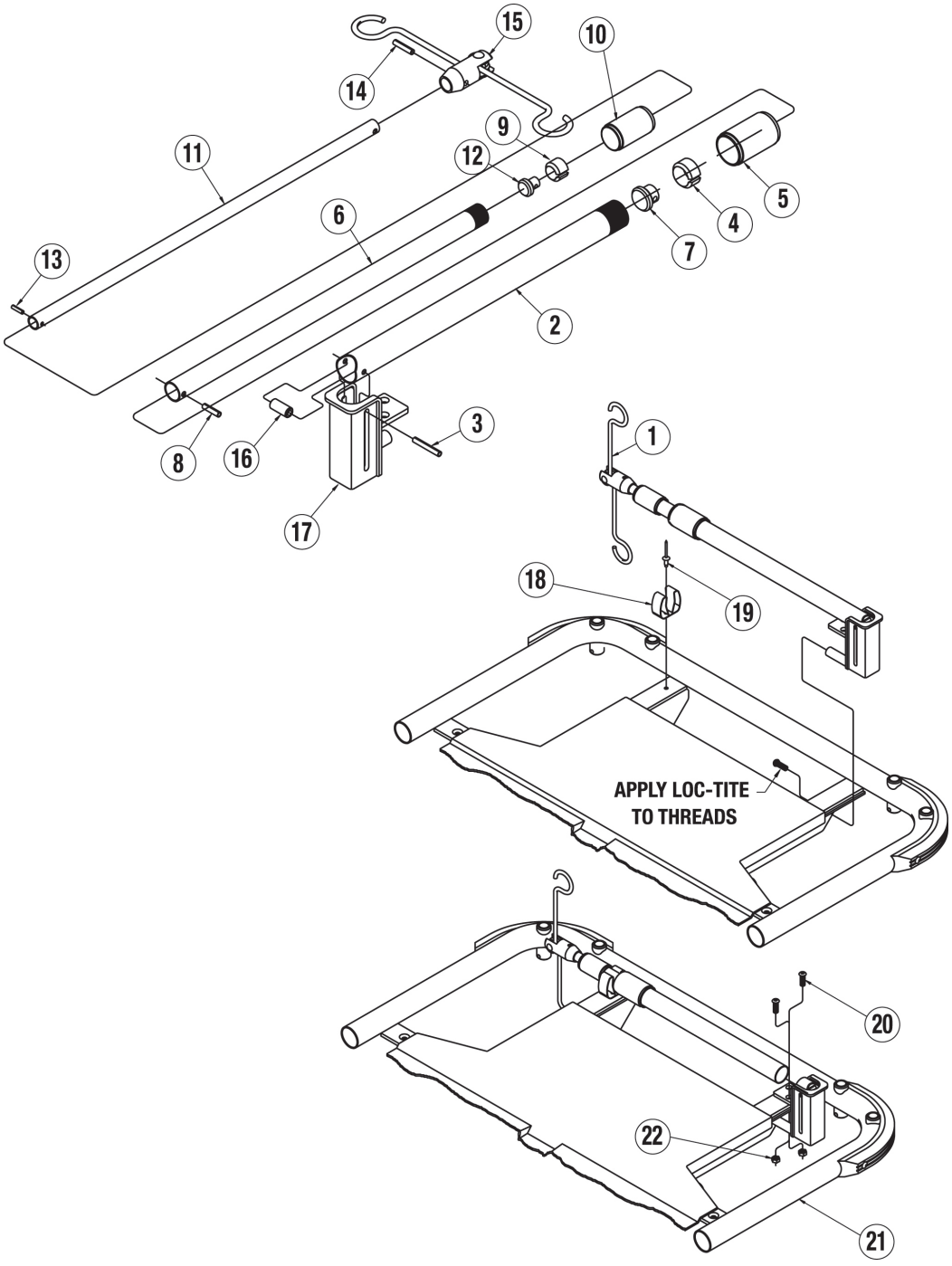

FIGURE 6-11. THREE-SECTION MOUNTED
I.V. ROD ASSEMBLY (A, C, D, STYLES)

FIGURE 6-11. THREE-SECTION MOUNTED I.V. ROD ASSEMBLY (A, C, D, STYLES)

Item No.	Part No.	SVC	Description	Units Per Assembly
			THREE-SECTION MOUNTED I.V. ROD ASSEMBLY (A, C, D, STYLES	X
1	066726		I.V. ROD THREE-SECTION ASSEMBLY, SHORT	1
2	066731		• SHORT OUTSIDE TUBE	1
3	069456		• SPRING PIN, 3/16 x 1 3/8	1
4	066014		• SQUEEZE BUSHING, LARGE	1
5	066013		• SCREW COLLAR, LARGE	1
6	066732		• SLIDE TUBE, SHORT	1
7	066015		• CAP GLIDE, OUTSIDE	1
8	031314		• SPRING PIN, 3/16 x 3/4	1
9	030209		• SQUEEZE BUSHING	1
10	030207		• SCREW COLLAR	1
11	066733		• INSIDE TUBE, SHORT	1
12	030176		• CAP GLIDE, INSIDE	1
13	065605		• SPRING PIN, 1/8 x 1/2	1
14	031110		• SPRING PIN, 3/16 x 7/8	1
15	061411		• TOP SECTION SUB ASSEMBLY	1
16	066734		• I.V. ROD PIN SPACER	1
17	066727		• I.V. ROD SUPPORT AND MOUNT ASSEMBLY	1
18	062080		BROOM CLIP	1
19	000794		POP RIVET, .188 x .5	1
20	062038		BUTTON HEAD SOCKET SCREW, .25-20 x .75	3
21	066510		CONVERGE ASSEMBLY	1
22	031055		LOCK NUT, .25-20	2
23	050233		• CHAIN, 12 ASSEMBLY	1

FIGURE 6-12. THREE-SECTION MOUNTED I.V. ROD ASSEMBLY

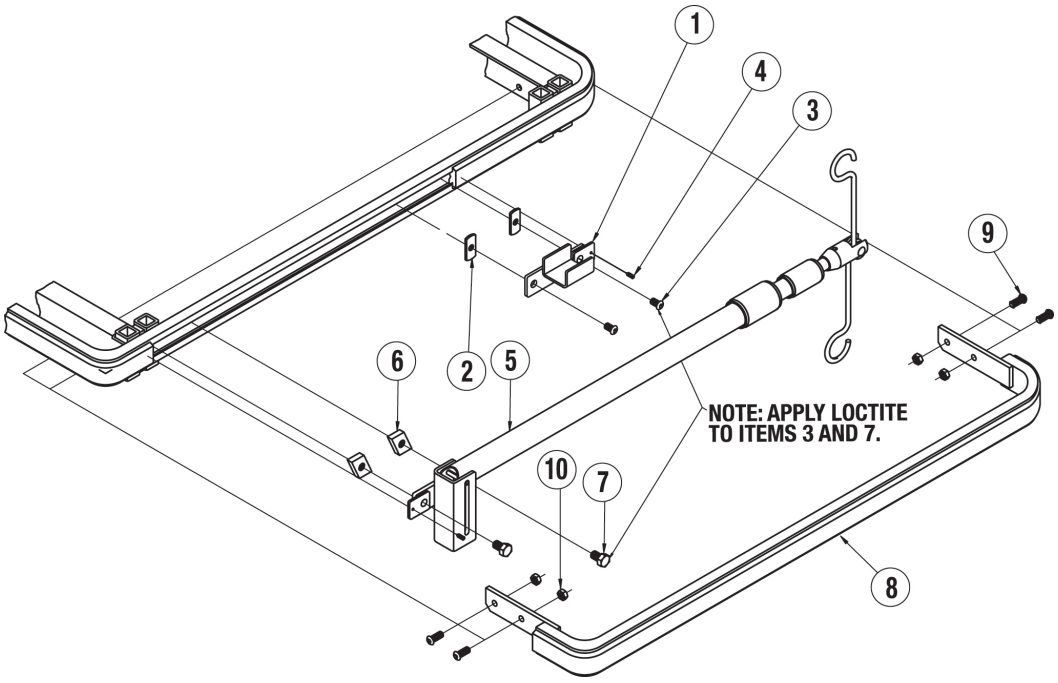

FIGURE 6-12. THREE-SECTION MOUNTED I.V. ROD ASSEMBLY

FIGURE 6-12. THREE-SECTION MOUNTED I.V. ROD ASSEMBLY

Item No.	Part No.	SVC	Description	Units Per Assembly					
			THREE-SECTION MOUNTED I.V. ROD ASSEMBLY – STYLES E & G	X					
			THREE-SECTION MOUNTED I.V. ROD ASSEMBLY – STYLES F & H		X				
1	066006		I.V. ROD STOP ASSEMBLY	1	1				
2	031455		WELD NUT, .250 - 20	2	2				
3	031325		BUTTON HEAD SOCKET SCREW	2	2				
4	065844		SHEET METAL SCREW, #4 x .375	2	2				
5	066001		1 DIA THREE-SECTION FOLDING IV ROD	1	1				
6	066018		CHANNEL NUT, .250 - .313-18	2	2				
7	066022		HEX HEAD CAP SCREW, .313 - 18 x .625	2	2				
8	066009		BUMPER GUARD ASSEMBLY	1					
	066023		BUMPER GUARD ASSEMBLY, EXTRA WIDE		1				
9	061195		BUTTON HEAD SOCKET SCREW, .250-20 x .625	4	4				
10	031055		LOCK NUT, .250 - 20	4	4				

FIGURE 6-13. 462 FIFTH WHEEL CENTER TRACK ASSEMBLY (PART 1 OF 3)

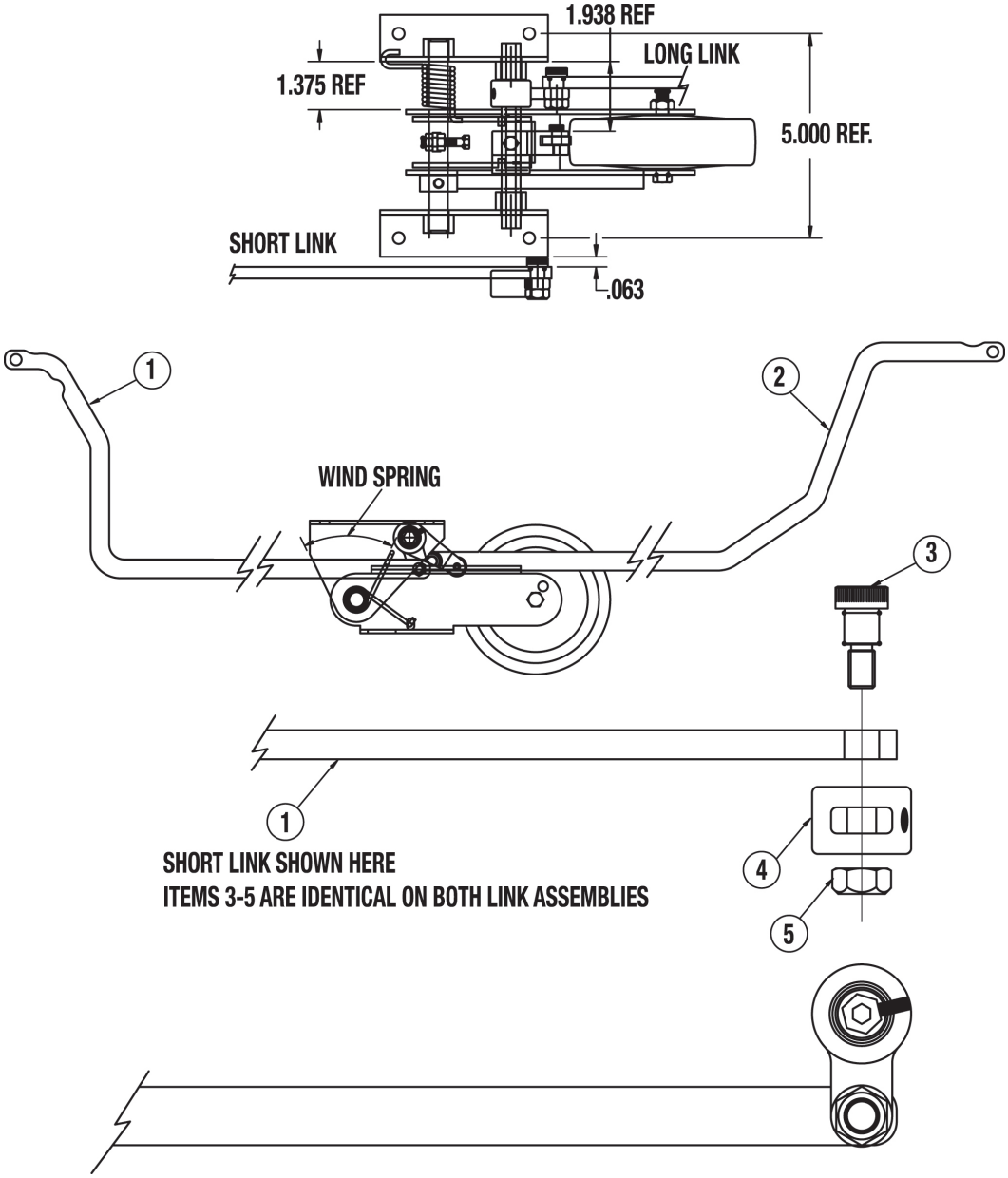

FIGURE 6-13. 462 FIFTH WHEEL CENTER TRACK ASSEMBLY (PART 1 OF 3)

FIGURE 6-13. 462 FIFTH WHEEL CENTER TRACK ASSEMBLY (PART 2 OF 3)

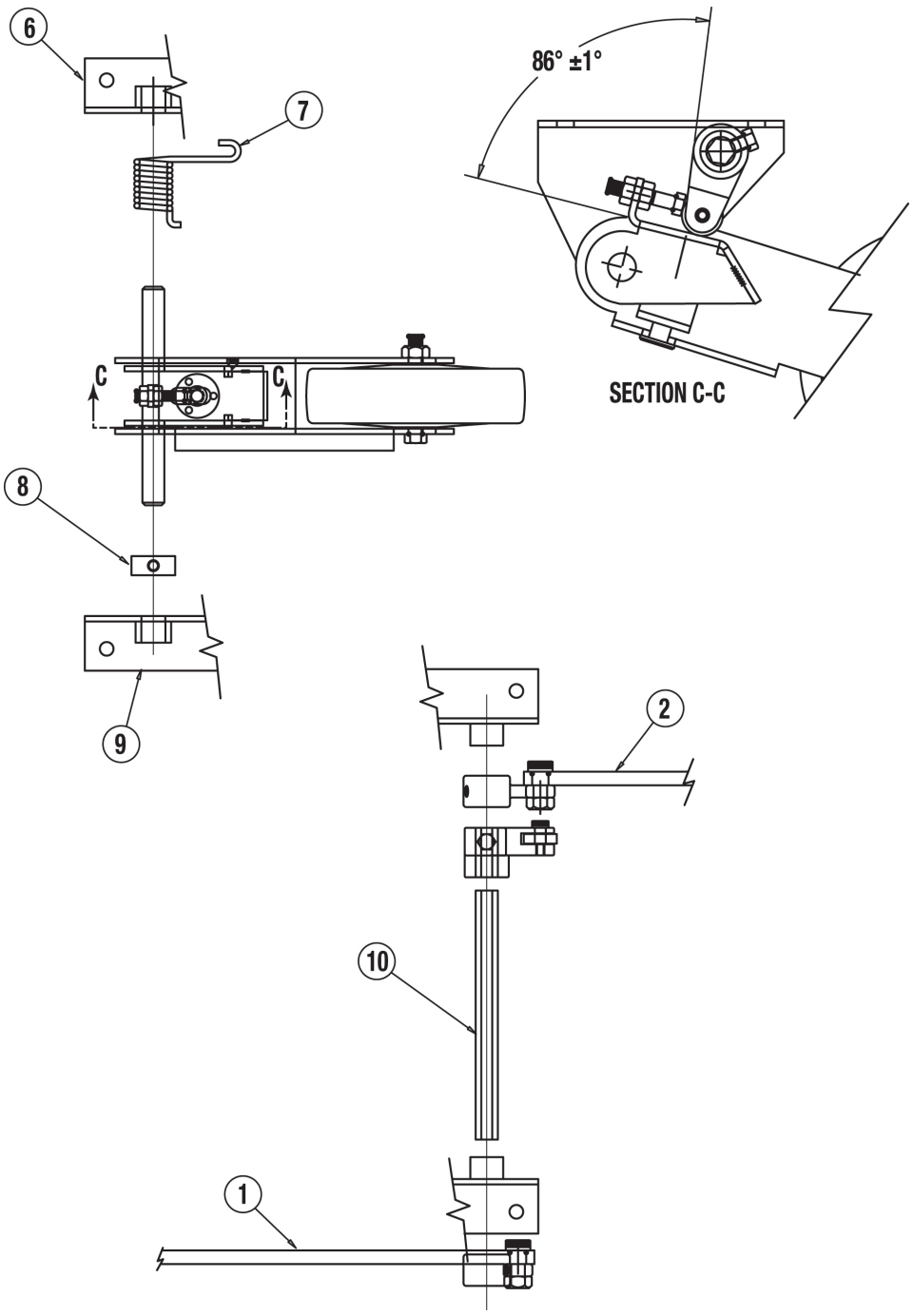

FIGURE 6-13. 462 FIFTH WHEEL CENTER TRACK ASSEMBLY (PART 2 OF 3)

FIGURE 6-13. 462 FIFTH WHEEL CENTER TRACK ASSEMBLY (PART 3 OF 3)

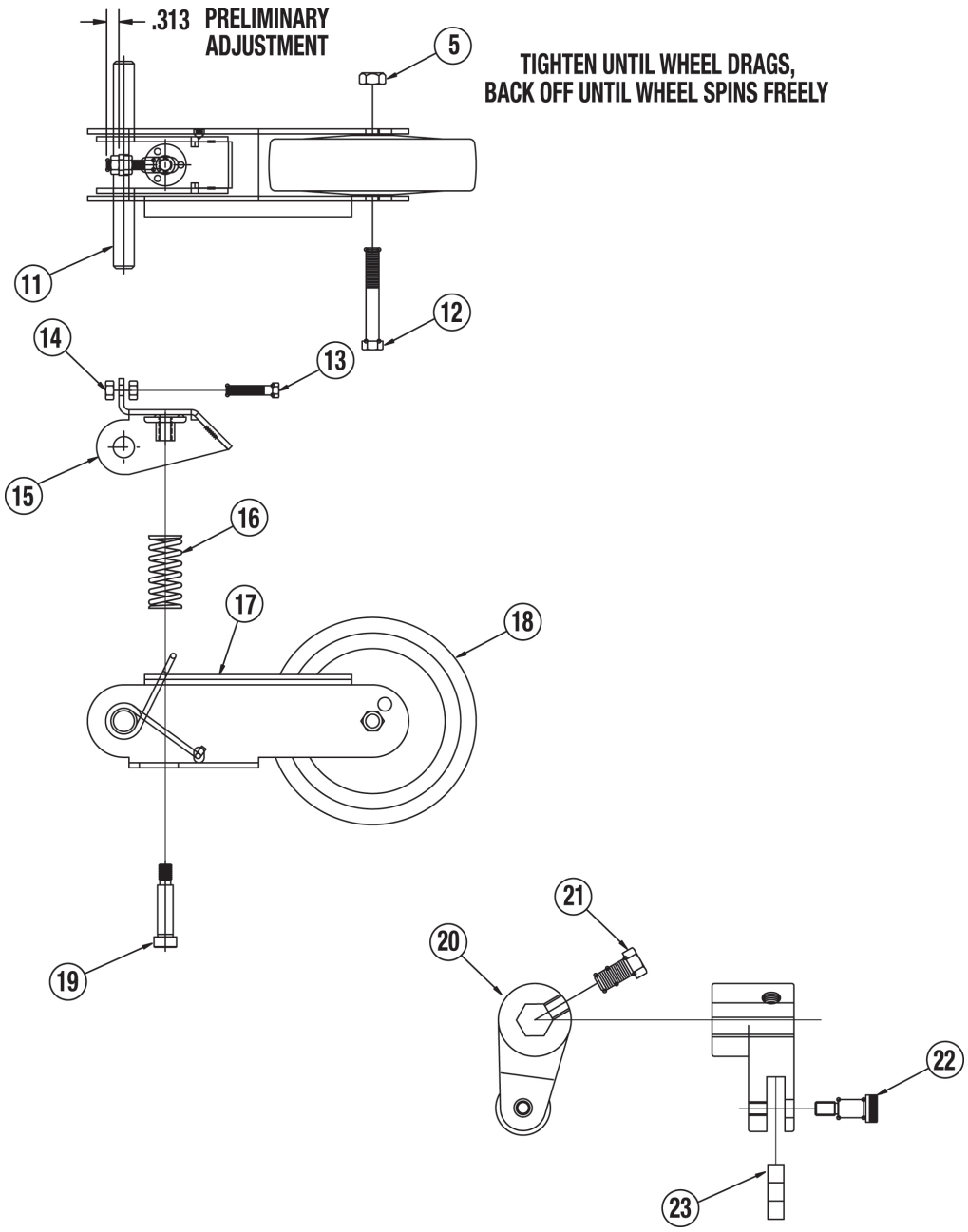

FIGURE 6-13. 462 FIFTH WHEEL CENTER TRACK ASSEMBLY (PART 3 OF 3)

FIGURE 6-13. 462 FIFTH WHEEL CENTER TRACK ASSEMBLY

Item No.	Part No.			SVC	Description	Units Per Assembly					
					462 FIFTH WHEEL CENTER TRACK ASSEMBLY	X					
1	P	134469	496		LINK, SHORT	1					
2		075783			LINK, LONG	1					
3		065807			BOLT, SHOULDER 3/8 x 3/8	2					
4		062684			CAM	2					
5	P	150830	756		LOCK NUT, 5/16-18	4					
6		075775			WELDMENT, MOUNTING BRACKET - LEFT	1					
7		075771			SPRING, TORSION	1					
8		011422			COLLAR	1					
9		075776			WELDMENT, MOUNTING BRACKET - RIGHT	1					
10		075781			ROD, HEX	1					
11		075780			ROD, PIVOT	1					
12		031334			HEX HEAD CAP SCREW, 5/16-18 x 2	1					
13		076191			HEX HEAD CAP SCREW, 1/4-20 x 1.25	1					
14		031054			NUT, 1/4-20	2					
15	P	056397	854		WELDMENT, UPPER BRACKET	1					
16	P	056397	849		SPRING, TORSION	1					
17		075772			BRACKET, WHEEL	1					
18		075785			5 WHEEL	1					
19	P	150830	343		SHOULDER BOLT	1					
20		075782			CAM, AUTO TRACK	1					
21		031004			HEX HEAD CAP SCREW, 1/4-20 x 1/2	1					
22		075794			SHOULDER BOLT, 1/4 x 3/8	1					
23	P	150830	423		ROLLER	1					

WARRANTY

We reserve the right to make changes at anytime in prices, materials, equipment, specifications, accessories and models, or to discontinue items at anytime consistent with the latest design trends or factors beyond our control.

LIMITED WARRANTY

We warrant that our patient-handling and optional accessories equipment, with the exception of casters, pneumatic springs, pads, mattresses and weighing systems and electric components, will be free from defects in workmanship, material and operation for a period of five years from the date of delivery to the purchaser — provided such equipment has been properly installed and maintained and has not been misused and abused. The determination of proper installation, maintenance and use shall rest solely with Hausted. Exempt five year warranty items include:

Casters	1 year warranty
Pneumatic gas springs	1 year warranty
Pads and mattresses	1 year warranty
Patient weighing systems	1 year warranty
Optional accessories	1 year warranty
All electrical components	1 year warranty

If you claim that any defect has developed in the workmanship, material or operation of any equipment within the stated warranty periods, and we confirm the existence of such defect resulting from other than normal wear and tear, we shall fulfill the warranty obligation by providing the necessary part(s) and labor during the first year of the warranty, for the repair or defect. The balance of the warranty period is limited to replacement parts only. Such correction will be the sole remedy for the defect.

This statement constitutes our entire warranty with respect to the aforesaid equipment. WE MAKE NO OTHER WARRANTY OR REPRESENTATION, EITHER EXPRESSED OR IMPLIED, EXCEPT AS SET FORTH HEREIN. THERE IS NO WARRANTY OF MERCHANTABILITY AND THERE ARE NO WARRANTIES OF FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT SHALL WE BE LIABLE HEREUNDER FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM OR IN ANY MANNER RELATED TO SALES OR USE OF ANY SUCH EQUIPMENT.

DAMAGED MERCHANDISE

ICC Regulations require that claims for damaged merchandise must be made with the carrier within 15 days of receipt of merchandise. DAMAGED CARTONS ARE TO BE PUT ON HOLD UNTIL DOCUMENTATION CAN BE MADE BY A SURVEY. NOTIFICATION OF RELEASE WILL BE SENT WHEN SURVEY IS COMPLETE. DO NOT ACCEPT DAMAGED SHIPMENTS UNLESS SUCH DAMAGE IS NOTED ON THE BILL OF LADING OR DELIVERY DOCUMENTS AT THE TIME OF RECEIPT. Upon prompt notification, Hausted will file freight claim with the appropriate carrier for damage incurred. Claims will be limited in amount to actual replacement cost. In the event that information is not received by Hausted within the 15 day period following delivery of merchandise, or the damage was not noted on the bill of lading or delivery documents at the time of receipt, the customer will be responsible for payment of the original invoice in full.

Replacement parts will be shipped when acknowledgment of a filed freight claim is given to Hausted by the carrier.

Claims for any short shipment must be made within 30 days of invoice.

RETURN AUTHORIZATION

Merchandise cannot be returned without specific written approval from the Hausted Customer Service Department (call 877.706.5151).

All telephone calls regarding merchandise returned must be made to Hausted within 7 calendar days of receipt of the merchandise.

An authorization number will be provided to you to return the merchandise. Transportation expense, plus a 15 percent restocking charge will be paid by the customer.

SPECIAL, MODIFIED OR DISCONTINUED ITEMS ARE NOT SUBJECT TO RETURN.

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PROTECT YOUR HAUSTED EQUIPMENT WITH COST-EFFECTIVE EXTENDED SERVICE AGREEMENTS

The best way to prevent costly downtime due to equipment malfunction is with regularly scheduled maintenance performed by qualified technicians trained in the latest technology. Hausted offers annual maintenance agreements to give your capital equipment planned maintenance agreements that will help correct little problems before they become big ones. Hausted Engineering Service combines the precise maintenance program and factory-trained technicians to assure you of maximum productivity.

Our Hausted service technicians thoroughly inspect, clean, adjust and provide all necessary maintenance to keep your equipment performing according to factory specifications, all at an established economical rate that you can plan for.

Hausted®

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MONTGOMERY, AL 36109

334.215.5151 **MAIN**
877.706.5151 **TOLL FREE**
334.215.5150 **FAX**

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